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OLDS' CATALOG

FARM AND GARDEN SEEDS

SEED POTATOES · BULBS · PLANTS · TOOLS · POULTRY SUPPLIES

THIRTY SECOND
SEASON

OLDS' CATALOG
TELLS THE TRUTH

OLDS' 1919 INTRODUCTION

"WHITE
BEAUTY"



SEE PAGE FOUR

L.L. Olds Seed Company

MADISON

WISCONSIN

1919



1. The Olds Building, Madison.
2. Part of Our Working Force.
3. The Local Store.
4. View in the Potato Cellar.
5. Aisle in Garden Seed Dept.
6. Section One Field Seed Floor.

PERSONAL GREETING.

Madison, Wis., Jan. 1, 1919.

Dear Friends and Customers:

First of all I want to express my appreciation of your fine patronage. Last year, the war year, a hard one in many ways, you gave us some splendid orders and we think we took pretty good care of them in spite of the difficulties. It was the largest and best year we ever had.

Now for the coming year. The war is over and we all rejoice. But the need for special exertion and sacrifice is still with us. The world needs food as never before. People are dying of starvation. The Government says "don't stop saving food." I want to urge the slogan "don't stop producing food." Farmers, dairymen, live stock breeders, market gardeners, city and village residents with small gardens, "don't stop producing food." If you can make your land produce more than it has before, if you can raise more live stock, produce more milk, butter and eggs, grow more vegetables for market and for your own table to take the place of other food that you would have to buy, it is emphatically

your patriotic duty to do your utmost along these lines. The war is over but the world needs food.

Good Seeds are the First Consideration. If you want to secure the greatest possible success in producing, start right. Secure the best seeds obtainable. I want to say to you that my greatest ambition all the time is to be able to offer seeds of the very highest quality. We use the utmost care in buying and in placing contracts. During the past year we have installed new cleaning machinery and if it is possible to get seed clean our equipment will do it. All our seeds are tested and conform fully to the rigid Wisconsin seed law.

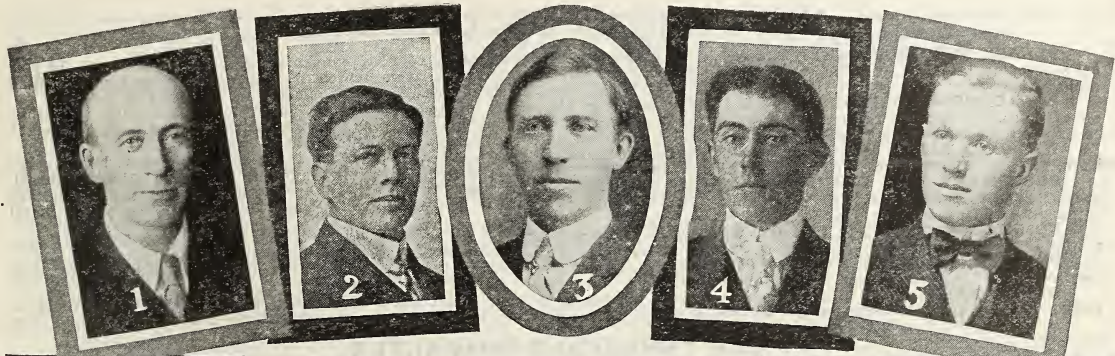
Our catalog is designed to appeal to users of seeds who appreciate having things represented in a plain, straightforward way. The slogan "Olds' Catalog Tells the Truth," is not a mere boast. The one great aim in preparing the catalog each year is to make sure that all the descriptions, statements and illustrations are true to fact. I would rather lose orders than exaggerate or misrepresent, and I feel that the fact that we have been constantly adding to the list of customers who have confidence in us and our seeds is good evidence that this is the right policy.

Our Equipment. Visitors to our building are surprised at the capacity and completeness of our plant. A few interior views are shown above. We had more photographs taken and I wanted to show more but there was not room for them. You will have to come and visit us. The latch string is out and we shall be glad to see you.

Yours truly,

L. L. Olds, President and General Manager.

L. L. OLDS SEED COMPANY.



SOME OF OUR FIELD SEED GROWERS

An important part of the work of a seedsman is the securing of the right kind of men to grow his seed crops. We are specially favored here in Wisconsin, thanks to our Wisconsin College of Agriculture and the special activity of the Agronomy Department, in the fact that we have an unusually strong force of men to draw from who are trained experts along certain lines of seed growing. We place our contracts for the growing of many of our field seeds with such men as these, men that we can trust to not only keep stocks pure but to improve by selection and breeding.

Wisconsin now has the reputation of being the foremost state of the Union in the production of pedigreed seed grains. We specialize in these pedigreed grains, introducing the different new strains and varieties through our catalog as they are developed here at the Agricultural College and Experiment Station. We show on this page the faces of a few of the men who grow our stocks of these pedigreed grains for us and also a few of our potato men as well as growers of some other seeds, believing that this will be of interest to our customers.

1. **W. E. Bishop**, grower of Golden Glow Corn. Mr. Bishop has been in the seed corn game 30 years.

2. **Allen Fahland**, Carman No. 3 Potatoes. Mr. Fahland has worked 10 years developing this variety by hill selection.

3. **Chris Michelson**, certified Early Ohio Potatoes. Mr. Michelson is one of the most careful growers in the state.

4. **J. M. Blaska**, thresherman and large grain grower. Mr. Blaska has grown Wisconsin Pedigree Barley for us 10 years.

5. **A. J. Vieth**, another progressive young grain farmer of Dane County. Mr. Vieth grows Wisconsin Pedigree No. 7 Oats.

6. **Henry Schroeder**, king of the Red River Valley Potato Growers. Most of our Red Rivers are from Mr. Schroeder.

7. **R. C. Boese**, grower of Murdock Yellow Dent Corn, near neighbor of Mr. Brueckner, with the same strain of corn.

8. **R. O. Gmeinder**, another large Dane County farmer. Grows for us Pedigree Barley, Pedigree No. 1 and Gold Mine Oats.

9. **R. H. Lang**, Secretary Jefferson County Order of the Experiment Association. Grower of Golden Glow Corn.

10. **H. C. Brueckner**, grower of our famous Brueckner strain of Murdock Yellow Dent, Sweepstakes of the Northern Zone.

11. **P. V. Jackson**, a large Montana rancher. Mr. Jackson has grown our White Hullless Barley for us for several years.

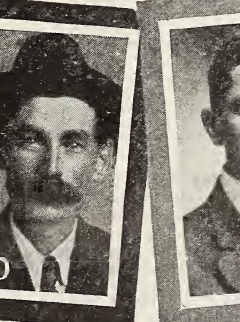
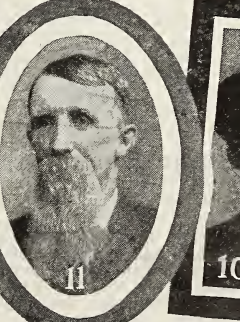
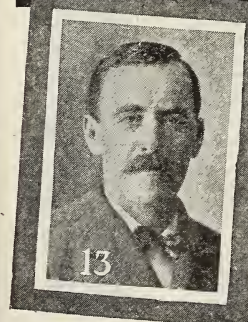
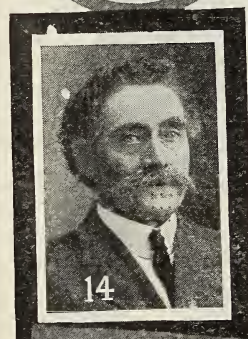
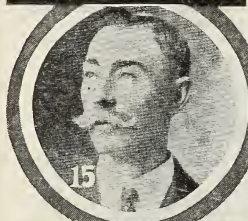
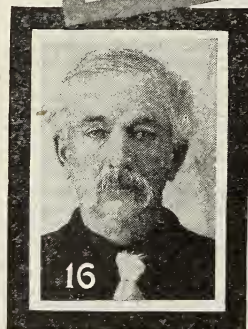
12. **Chas. H. Jewell** of W. P. Jewell & Sons, Oneida County, Wisconsin, growers of certified Green Mountain and Triumph.

13. **A. V. Bronner**, another Dane County grower. Mr. Bronner grows Wis. Pedigree No. 1 Oats and Marquis Wheat.

14. **John Blaska**, grower of Scottish Chief Oats, Wisconsin Pedigree Barley, Winter Wheat and Silver Hull Buckwheat.

15. **John Nugent**, grower of an unusually fine strain of Silver King Corn of Crawford County, Wisconsin.

16. **J. C. Parkin**, expert Grimm Alfalfa seed grower and large farmer of the Black Hills, western South Dakota.



INSTRUCTIONS FOR ORDERING.

PLEASE USE ORDER SHEET found in catalog in making out your order if convenient and retain a copy. If you have occasion later on to write us about the order give post-office address from which it was mailed. Orders are filed alphabetically by post offices, so if you give a different post-office address it is difficult for us to find the order.

WE ACKNOWLEDGE ORDERS when received unless the order, or some part of it, is to be sent at once or within a day or so. If any part is mailed right out that answers as an acknowledgment or if goods can be sent at once by freight or express we send acknowledgment and notice of shipment at the same time enclosing Bill of Lading.

WE SEND LARGE SHIPMENTS BY FREIGHT unless otherwise instructed. See table of freight rates below. We have three railroads here at Madison, Chicago and Northwestern, Chicago, Milwaukee and St. Paul and Illinois Central.

CUSTOMERS PAY TRANSPORTATION CHARGES on all goods unless they are offered postpaid. There are special express rates everywhere on seeds. In the main the rate is 25 per cent less than the merchandise rate. Small shipments will be sent by express rather than freight.

NO CHARGE FOR PACKING OR CARTAGE. Everything will be securely packed and labeled and delivered free at the Freight, Express or Post Office. All express rates have been reduced since the Parcel Post law went into effect.

PREPAID STATIONS. If there is no agent at your railroad station the freight has to be prepaid, and in such case we must request you to send money with your order to cover the amount.

ORDER EARLY. Do this for two reasons. We can give your order more careful and prompt attention if received before we get into the rush, and then we will not have to write for permission to substitute for varieties sold out.

OUR THREEFOLD GUARANTEE.

1. **QUALITY.** We guarantee the quality of the seeds, plants, bulbs and potatoes we send out to the extent that should they not prove as represented we will refill the order or return the money; but we give no further warranty, express or implied, as to description, purity, quality, productiveness or any other matter of any seeds, potatoes, bulbs or plants we send out and will not be responsible for the crop.

2. **SAFE ARRIVAL.** We guarantee everything we send out to arrive in good order. If potatoes freeze on the road we will refill the order if the time of shipping is left to our discretion. If any goods arrive in bad order, however, bags torn or anything else wrong, have this noted on the freight expense bill which must be sent us so that we can make proper claim. The bill of lading must be returned also.

3. **RECEIPT OF MONEY.** We will be responsible for all money sent us through the mails, if remittance is made by P. O. or Express Order, Draft or Registered Letter. We will accept personal checks at face value. They look good to us. We will also take Liberty Bonds at par. You should keep your Liberty Bonds, but if you have to use them will accept them at par in payment for seeds at catalog prices. Small amounts, less than \$1.00, may usually be sent safely in postage stamps or coin.

OUR PURPOSE.

To have the best of everything; to send out a neat, attractive catalog with truthful illustrations and descriptions; to be prompt; to be courteous; to be satisfied with small profits; to be honorable in our dealings, and to treat every customer so that he will want to order again. In short, to treat him as we would like to be treated.

OUR RESPONSIBILITY.

Some new customers may hesitate to send us money as they may never have heard of us. We should be pleased to have such inquire as to our responsibility of Bradstreet's or Dun's Commercial Agencies in all large cities, of The First National or Merchants and Savings Banks of Madison, or of any of the leading agricultural papers.

FREIGHT RATES FROM MADISON, WIS., IN EFFECT JAN. 1, 1919.

Per 100 Lbs., in Barrels, Boxes or Sacks, Less than Car Lots. Rates Subject to change.

(Potatoes, Garden Seeds, Clovers and Grass Seeds go as third class; Grain, Corn, Poultry Food, etc., fourth class.)
(In general shipments up to about 40 or 50 pounds in weight go cheaper by express than by freight.)

	3rd.	4th.		3rd.	4th.		3rd.	4th.		3rd.	4th.
Ashland, Wis.....	\$0.55	\$0.35	Decatur, Ill.....	.35½	.28½	Jerome, N. D.....	1.21½	.85½	Fort Worth, Texas.....	1.45	1.32½
Baraboo, Wis.....	.18	.15	Elgin, Ill.....	.35	.22	Williston, N. D.....	1.70	1.24	Houston, Texas.....	1.45	1.32½
Beaver Dam, Wis.....	.23½	.17½	Freeport, Ill.....	.26	.20	Beatrice, Neb.....	.66½	.50	San Antonio, Texas.....	1.45	1.32½
Beloit, Wis.....	.19½	.15	Galesburg, Ill.....	.35½	.28½	Fairbury, Neb.....	.87½	.66½	Denver, Colo.....	1.37½	1.06½
Chippewa Falls, Wis.....	.47	.31½	Jacksonville, Ill.....	.38	.30	Fremont, Neb.....	.61½	.45	Cheyenne, Wyo.....	1.37½	1.06½
Dodgeville, Wis.....	.32½	.25	Joliet, Ill.....	.32	.22	Hastings, Neb.....	.96½	.75	Billings, Mont.....	2.11½	1.70
Evansville, Wis.....	.17½	.15	La Salle, Ill.....	.33½	.25	Lincoln, Neb.....	.61½	.45	Helena, Mont.....	2.31½	1.86½
Fond du Lac, Wis.....	.25½	.19	Marion, Ill.....	.35	.27½	Omaha, Neb.....	.56½	.40	Miles City, Mont.....	1.94	1.47½
Grand Rapids, Wis.....	.30½	.23	Quincy, Ill.....	.41	.31½	Hannibal, Mo.....	.41	.31½	Seattle, Wash.....	3.06½	2.59
Green Bay, Wis.....	.34	.25½	Rockford, Ill.....	.25½	.19	Kansas City, Mo.....	.56½	.40	Spokane, Wash.....	2.61½	2.19
Janesville, Wis.....	.18	.15	Rock Island, Ill.....	.33½	.24½	St. Joseph, Mo.....	.56½	.40	Portland, Ore.....	3.06½	2.59
La Crosse, Wis.....	.31	.23½	Springfield, Ill.....	.36½	.28	St. Louis, Mo.....	.41½	.32½	Ogden, Utah.....	2.31½	1.86½
Lake Geneva, Wis.....	.26½	.20	Woodstock, Ill.....	.25	.19	St. Paul, Mo.....	.62½	.49	Salt Lake City, Utah.....	2.31½	1.86½
Lake Mills, Wis.....	.17½	.15	Burlington, Ia.....	.38	.29	Elkhart, Ind.....	.54½	.39½	Los Angeles, Cal.....	3.06½	2.59
Lodi, Wis.....	.17½	.15	Cedar Rapids, Ia.....	.39	.29	Fort Wayne, Ind.....	.57½	.42½	San Francisco, Cal.....	3.06½	2.59
Lone Rock, Wis.....	.19	.15	Clinton, Ia.....	.33½	.24½	Indianapolis, Ind.....	.60½	.45	New Orleans, La.....	.99	.76½
Mauston, Wis.....	.23½	.17½	Davenport, Ia.....	.33½	.24½	South Bend, Ind.....	.55½	.41½	Phoenix, Ariz.....	2.61½	2.19
Mazomanie, Wis.....	.17½	.15	Des Moines, Ia.....	.45	.34	Terre Haute, Ind.....	.60	.44½	Boise, Ida.....	2.50	2.06½
Middleton, Wis.....	.17½	.15	Dubuque, Ia.....	.31½	.25	Vincennes, Ind.....	.64	.47	Reno, Nev.....	2.61½	2.19
Milwaukee, Wis.....	.25	.18½	Fort Dodge, Ia.....	.49	.36½	Cleveland, Ohio.....	.67½	.50	Santa Fe, N. M.....	1.87½	1.56½
Monroe, Wis.....	.22½	.16½	Marshalltown, Ia.....	.44	.32½	Columbus, Ohio.....	.67	.49½	Albany, N. Y.....	.91½	.64
Mt. Horeb, Wis.....	.17½	.15	Ottumwa, Ia.....	.41½	.31½	Dayton, Ohio.....	.65	.47½	Buffalo, N. Y.....	.73	.54
Platteville, Wis.....	.30½	.23	Shenandoah, Ia.....	.56½	.40	Toledo, Ohio.....	.64	.47	New York, N. Y.....	.94	.65½
Plymouth, Wis.....	.30	.22½	Sioux City, Ia.....	.56½	.40	Youngstown, Ohio.....	.71½	.52½	Rochester, N. Y.....	.75½	.53
Portage, Wis.....	.18	.15	Waterloo, Ia.....	.42½	.31½	Calumet, Mich.....	.72½	.49	Syracuse, N. Y.....	.80	.55½
Racine, Wis.....	.27	.20½	Duluth, Minn.....	.55	.35	Detroit, Mich.....	.64	.48	Erie, Pa.....	.73	.54½
Reedsburg, Wis.....	.20½	.15½	Fairbault, Minn.....	.50	.31½	Grand Rapids, Mich.....	.59	.43	Harrisburg, Pa.....	.90	.62
Sheboygan, Wis.....	.31	.23½	Mankato, Minn.....	.54	.34	Kalamazoo, Mich.....	.57½	.42½	Philadelphia, Pa.....	.91½	.63
Sparta, Wis.....	.28	.21	Red Wing, Minn.....	.50	.31½	Lansing, Mich.....	.64	.47	Pittsburg, Pa.....	.74	.54
Stevens Point, Wis.....	.33	.25	St. Cloud, Minn.....	.70	.46½	Port Huron, Mich.....	.67	.49	Scranton, Pa.....	.91½	.63½
Stoughton, Wis.....	.17½	.15	St. Paul, Minn.....	.50	.31½	Saginaw, Mich.....	.64½	.47	Hartford, Conn.....	1.00	.70
Sun Prairie, Wis.....	.17½	.15	Stillwater, Minn.....	.50	.31½	Marquette, Mich.....	.50	.35	Wilmington, Del.....	.91½	.63½
Superior, Wis.....	.55	.35	Winona, Minn.....	.41½	.29	Aitchison, Kans.....	.56½	.40	Bangor, Me.....	1.00	.70
Watertown, Wis.....	.18	.15	Aberdeen, S. D.....	.84	.62½	Lawrence, Kans.....	.69	.51½	Concord, N. H.....	1.00	.70½
Waukesha, Wis.....	.22	.16½	Mitchell, S. D.....	.80	.56½	Topeka, Kans.....	.74	.54	Trenton, N. J.....	.94	.65½
Wausau, Wis.....	.36	.27	Pierre, S. D.....	1.00	.75	Victoria, Kans.....	1.07½	.81½	Burlington, Vt.....	1.00	.70½
Aurora, Ill.....	.32	.22	Sioux Falls, S. D.....	.59	.42	Fort Smith, Ark.....	1.09	.86½	Boston, Mass.....	1.00	.70½
Bloomington, Ill.....	.33½	.26	Yankton, S. D.....	.64	.46½	Little Rock, Ark.....	.96½	.74	Baltimore, Md.....	.90	.62½
Champaign, Ill.....	.33½	.26	Bismark, S. D.....	1.34	.95½	Muskogee, Okla.....	1.12½	.86½	Richmond, Va.....	.90	.62
Chicago, Ill.....	.32	.22	Fargo, N. D.....	.96½	.67½	Oklahoma City, Okla.....	1.34	1.09	Wheeling, W. Va.....	.74	.54½
Danville, Ill.....	.33½	.26	Grand Forks, N. D.....	1.04	.73	Dallas, Texas.....	1.45	1.32½	Memphis, Tenn.....	.74	.57½

PARCEL POST RATES.

Parcel Post Rates apply to seeds, potatoes, bulbs, plants and merchandise of all kinds except poisons, which cannot be sent by mail. If ordered at freight or express prices add at the following rates if to go by mail:

1st and 2nd Zones (up to 150 miles from Madison) 5c for the first pound, 1c for each additional pound.

3d Zone (151 to 300 miles from Madison) 6c for the first pound, 2c for each additional pound.

4th Zone (301 to 600 miles from Madison) 7c for the first pound, 4c for each additional pound.

5th Zone (601 to 1,000 miles from Madison) 8c for the first pound, 6c for each additional pound.

6th Zone (1,001 to 1,400 miles from Madison) 9c for the first pound, 8c for each additional pound.

7th Zone (1,401 to 1,800 miles from Madison) 11c for the first pound, 10c for each additional pound.

8th Zone (over 1,800 miles from Madison) 12c for each pound.

Packages must not exceed 70 pounds in weight for the first three zones, and 50 pounds for all other zones.

SEED POTATO DEPARTMENT

OLDS' SEED POTATOES—What They Are.



There is money in potatoes if you plant the right kind of seed. Use seed that was grown for seed. Our seed potatoes are mostly grown on contract specially for seed and from select stocks.

Olds' Seed Potatoes have had a national reputation for years. We began with nothing but Seed Potatoes 32 years ago. Have made a specialty of them ever since. We always have fine stock but our stock this year is we think a little the smoothest and most uniform we ever handled. The season was favorable and they are all very fine.

CERTIFIED STOCK. Most of our Wisconsin grown potatoes are "Certified Stock." That means that they have been inspected and O. K'd both when growing and after being dug, by the Wisconsin Potato Growers' Association, an organization under the supervision of the Wisconsin College of Agriculture with headquarters here at Madison. An official red label tag will be used with every order filled from this certified stock reading as follows:

"This Seed is Certified as Regards:

1. Freedom from mixtures and reasonable conformity to the correct vine and tuber characteristics of the variety.
2. Freedom from black wart and powdery scab, and from serious infection with any other disease."

GOVERNMENT GRADED. Our Seed Potatoes are Government Graded. That means we use the rules for grading established by the U. S. Dept. of Agriculture and U. S. Food Administration. All the potatoes we offer unless otherwise stated conform to the rules of U. S. Grade No. 1. These are described as follows:

"U. S. GRADE NO. 1. This grade shall consist of sound potatoes of similar varietal characteristics, which are practically free from dirt or other foreign matter, frost injury, sunburn, second growth, cuts, scab, blight, dry rot, and damage caused by disease, insects, or mechanical means. The minimum diameter of potatoes shall be one and seven-eighths (1 $\frac{7}{8}$) inches."

Our No. 2 Grade Potatoes are just like the No. 1 in every particular except as to size. They are large enough for seed, running from 1 $\frac{1}{2}$ to 1 $\frac{3}{4}$ inches in diameter or about like a hen's egg. They make very desirable seed in fact and many prefer them to the larger ones. They go farther. We sort or grade with a Boggs Potato Sorter. It does beautiful work. The specifications for No. 2 Grade are as follows:

"U. S. GRADE NO. 2. This grade shall consist of potatoes of similar varietal characteristics, which are practically free from frost injury and decay, and which are free from serious damage caused by dirt or other foreign matter, sunburn, second growth, cuts, scab, blight, dry rot, or other disease, insects, or mechanical means. The minimum diameter shall be one and one half (1 $\frac{1}{2}$) inches."

LARGE BARRELS: Our barrels hold exactly 172 pounds each, net weight, the Wisconsin barrel. The old barrel was only 165 pounds, or about 12 pecks by measure.

OLDS' IMPROVED EARLY OHIO.

The well-known dependable all-around early variety.



Early Ohio is without doubt the most popular early potato in the country. We have more calls for it always than for any other early. Every one knows what it is, and knows that it can be relied on for an early market variety in almost every locality. A large percentage of the so-called Ohios throughout the country, however, are badly mixed.

Our illustration shows just how Olds' Famous Improved Red River Grown Early Ohios look, as it is an actual photograph of a barrel put up from our bins showing the potatoes just exactly as they are. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them. We have sold thousands and thousands of bushels of this high grade vigorous stock, shipping them to customers all over the United States.

All of the Red River Ohios we offer this year were grown by Mr. Henry Schroeder, the "Potato King" of the Red River Valley. Mr. Schroeder's stock is really "Pedigree Stock," bred up and selected during a long term of years. It is not only pure and free from disease but will produce as it has the breeding in it. Mr. Schroeder's potatoes can be fully relied on and are way ahead of ordinary potatoes.

In addition to our Schroeder Red River Early Ohios we have a couple of ears of Northern Wisconsin grown Certified Early Ohios grown by Chris Michelson of Oneida County. Mr. Michelson is one of the best potato men in the state. This stock is splendid—pure, clean and uniform in type.

PRICES OF OLDS' IMPROVED EARLY OHIOS.

Schroeder Stock, No. 1: Bu., \$2.50; bbl. \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75.
Schroeder Stock, No. 2: Bu., \$2.15; bbl., \$6.00; 5 bbls. at \$5.85; 10 bbls. at \$5.75.
Michelson Stock, No. 1: Bu., \$2.50; bbl., \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75.
Michelson Stock, No. 2: Bu., \$2.15; bbl., \$6.00; 5 bbls. at \$5.85; 10 bbls. at \$5.75.

NOTE—All our potato prices include barrels, sacks and other necessary containers. Remember this in comparing with other prices. (See page 8 for complete potato price list.)

OLDS'
WHITE BEAUTY
Introduced in 1919.



OLDS' WHITE BEAUTY (Our 1919 Introduction).



We offer our customers this year a **strictly new potato**, one that so far gives a great account of itself and certainly bids fair to take a place right at the front in the list of worthy varieties.

History. Olds' White Beauty originated in 1911 with one of our customers, Mr. P. C. L. Riegel of Minnesota. Mr. Riegel first called our attention to it in February, 1915. He wrote:

"I notice you are looking for something new. Well, I happen to have something that looks good to me. I am enclosing a pencil sketch drawn by marking around the potato on a piece of paper. This gives the size and the eyes are marked as they appear on both sides. This is the fourth year from the seed ball. The potato is a nice creamy white, very shallow eyes and smooth, yet the skin is just a little rough, not glossy like some are. It is a late potato. The quality is fine. They turned out the best and looked the best of anything we had last fall."

Mr. Riegel sent us three small tubers of the new seedling for trial and we were so well pleased with the way they turned out in our trial garden that the next year we bought the entire stock with exclusive rights. Since that time we have been working on them, selecting and improving until this year we have stock enough to justify introducing them.

Description. Note the single tuber shown above. Isn't it a beauty? Note also the picture on the front cover. Does it not look good to you? These are actual photographs. Olds' White Beauty is just the type that is wanted for an all-round, main crop, white-skinned potato. It is the right shape, nearly round to oval oblong; symmetrical and regular in form; eyes very shallow, so shallow that as one of our customers says: "You hardly know they have an eye"; beautiful white skin, slightly russeted; strong, vigorous grower, with dark stalks and purple blossoms like Rurals; medium in season, a heavy yielder, 300 bushels per acre or better they have yielded, and of the very best cooking qualities. Nothing surpasses it in quality according to our own table tests.

Testimonials. Don't take our word alone as to the value of this new potato. Last season we sent out single tubers, or sometimes 2 or 3 small tubers to a few of our customers for trial. We have not room here for all their reports but we print a few of them. Read carefully what they say about the **productiveness, quality and fine appearance** of this new potato. We urge all our potato customers everywhere to get started with Olds' White Beauty this season. You can make money selling the seed to your neighbors next year. In fact the seed will be in demand at high prices for several years. Our stock is not so very large and when it is exhausted there will be no more obtainable this year.

PRICES OF OLDS' WHITE BEAUTY FOR 1919.

By mail: Lb., \$1.00; 3 lbs., \$1.75. By express or freight, not prepaid: Lb., 90c; 1/2 pk., \$2.00; pk., \$3.00; 1/2 bu., \$5.00; bu., \$9.00; bbl. (172 lbs.), \$20.00; 5 bbls. at \$19.00; 10 bbls. at \$18.00. Not less than one lb. sold.

WHAT THEY SAY ABOUT OLDS' WHITE BEAUTY

"Better Yields than Rural New Yorker or Green Mountain."

Mr. S. D. Morris, New York, writes:

"The yield of the 'Olds' 1919 Introduction' potato was good, one peck from two very small potatoes. Their appearance is very smooth, round in shape. They made a good growth. We did not grow any Rural New Yorker or Green Mountain potatoes this year to compare with them, but we do not think that they are anything like them in any way. They are better yielders than either the Rural New Yorker or the Green Mountain potatoes."

"Produced 12 Pounds of the Prettiest Potatoes I Ever Saw."

Mr. H. J. Lewelling, Missouri, writes:

"The three Olds' 1919 potatoes were received with others one month late because transportation companies were careless. We planted May 1st. Produced 12 pounds of the prettiest potatoes I ever saw and fine eating. We had the driest and hottest season ever known here."

"13 1/2 Pounds from Two Small Potatoes."

Mr. Frank Zink, Michigan, writes:

"Despite the drought which caused great damage, the 1919 Introduction did well. I got 34 marketable potatoes weighing 13 1/2 pounds from 2 potatoes. You ought to name this new potato, 'The Victory' because they will win out."

"Finest Potatoes I Ever Raised—Cooked Fine."

Mr. F. C. Breister, Wisconsin, writes:

"Last spring I bought one potato and I am writing you the result. We got nine pounds and twelve ounces of the finest potatoes I ever raised. The season up here was bad, very dry, no rain at all. I think this is a good yield. My Sir Walter Raleighs did not do well at all, the first season they did not. We had one potato in the trial that weighed one pound and six ounces. We used it and it cooked fine. I think they sure will make a good potato. What are you planning to call them?"

"Ought to be Called 'Olds' White Beauty.'"

Mrs. T. J. Walters, Wyoming, writes:

"I think they made a fine yield, inasmuch as I took no special care. Were planted, these three little potatoes which you say represented a single tuber, May 7th and owing to a very cold spring I thought they never would come up. They did though. I had 17 hills and when I dug them got 35 pounds of fine potatoes. They could have been dug early in August, but I wanted them to be mature enough for seed next year. They are so shallow eyed you hardly know they have an eye. We cooked one and found it very good. I think it ought to be called 'Olds' White Beauty.' Such a pretty shape and has so many good points."

OLDS' RED RIVER SIX WEEKS.



A famous extra early, a little earlier even than Early Ohio. It has become immensely popular, and is much sought after, especially by market gardeners. The seed is always in demand and sells at a premium over other earlies. Six Weeks belongs to the Ohio family, resembles Early Ohio, but is usually just a little redder in color. It makes an extremely quick growth and yields as much as Early Ohio or more.

Our Six Weeks this year are all Red River grown.

Prices: Pk., 75c; bu., \$2.50; bbl. \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75.

No. 2 Grade: Pk., 65c; bu., \$2.15; bbl. \$6.00; 5 bbls. at \$5.85; 10 bbls. at \$5.75.

OLDS' IMPROVED IRISH COBBLER.

Irish Cobbler is a pure white potato, nearly round in shape.

On our trial grounds Irish Cobbler yielded a third more than Early Ohio, White Ohio or Triumph, although it proved to be a little later than any of those varieties. The potatoes are very attractive looking and of most excellent quality, rather ahead of all other earlies in that respect.

We have both Red River and Wisconsin grown stock. Our Red River Cobblers are from Henry Schroeder and that means that they are pure genuine Cobblers.

Our Wisconsin Cobblers are certified. PRICES OF OLDS' IMPROVED IRISH COBBLERS.

No. 1 either stock; Pk., 75c; bu., \$2.50; bbl. \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75.

No. 2 either stock; Pk., 65c; bu., \$2.25; bbl., \$6.25; 5 bbls. at \$6.10; 10 bbls. at \$6.00.

OLDS' TRIUMPH.

Bliss' Triumph is the standard extra early. We are all familiar with it as sold at the groceries when the first new potatoes are shipped in. The tubers are nearly round, smooth, medium in size, reddish pink in color.

Our Red River grown Triumphs are from Mr. Schroeder and cannot be excelled. The illustration shows them just as they look, smooth, uniform, round, very desirable in shape and size. We have also Wisconsin Triumphs, certified and grown by W. P. Jewell & Sons of Oneida County. Prices, either stock; Pk., 75c; bu., \$2.50; bbl., \$7.25; 5 bbls. at \$7.10; 10 bbls. at \$7.00.

OLDS' RED RIVER WHITE OHIO.

White Early Ohio is identical in every way with Red Early Ohio except in color, which is a fine white, or nearly so. The great demand in every market now is for a white potato, and even the good old Ohio, the standard for extra early, often has to take a back seat because of the color of its skin. Here we have a genuine Early Ohio with the quick, compact growth of that well-known variety, and withal a white skin. It is just as good in quality and just as early as the Red Ohio.

Our stock is from Henry Schroeder

Prices: Pk., 75c; bu., \$2.50; bbl., \$7.15; 5 bbls. at \$7.00; 10 bbls. at \$6.90.

Potato prices are subject to change after February 1st. Ask for "Weekly Price List."



Olds' Red River Triumph.



Olds' Red River White Ohio.



A Basket of Olds' Certified Rural New Yorkers

OLDS' IMPROVED RURAL NEW YORKER.



Rural New Yorker is the most popular main crop variety in cultivation today. The Rural type does the best as a rule on clay soils and black soils and in fact it is the universal potato for all soils. It will probably stand more neglect and do better under unfavorable conditions than any other standard variety. It is easily grown, a good keeper and always yields well, while its desirable shape, pure white skin and shallow eyes make it a good looker and seller.

Rurals throughout the country are badly mixed with other varieties. Such stock does not bring the top price. We have not only pure Rurals but an improved strain of Rurals. All our stock is certified and is from the farm of the Ellison Bay Company in the northern end of Door County between the Lakes, where early frosts never bother. The Ellison Bay Company is made up of professors of the Wisconsin College of Agriculture here at Madison. They have a very fine potato farm, and their strain of Rurals is probably the finest strain of Rurals in the state. The stock is not only absolutely pure but bred to a uniform smooth type. They have been rogued and re-rogued and not only all mixtures removed but all weak hills taken out. The state inspector was very enthusiastic about this stock pronouncing it the best he found in the whole state.

Farmers, everywhere! You who know what Rurals are and have found them a profitable variety to grow, Change your seed. Plant this Ellison Bay strain of Olds' Improved Rural New Yorker and grow more bushels per acre.

PRICES OF OLDS' IMPROVED RURAL NEW YORKERS.

Ellison Bay Company Stock: Pk., 65c; bu., \$2.30; bbl., \$6.50; 5 bbls. at \$6.35; 10 bbls. at \$6.25

Ellison Bay Company, No. 2 Grade: Pk., 55c; bu., \$2.00; bbl., \$5.50; 5 bbls. at \$5.35; 10 bbls. at \$5.25.

PACKING AND SHIPPING. We are in the best possible position to make prompt shipments, as we have our own sidetracks and load potatoes direct from our warehouses into cars alongside, shipping everything in refrigerator cars early in the season. If late in ordering, name second choice, as our rule is not to substitute without permission. All early shipments are packed in lined barrels. Later in the season, we sometimes ship in sacks, especially nearby orders, when we are satisfied that they will go just as well that way.

OLDS' SCOTCH RURAL, An Improved Rural New Yorker

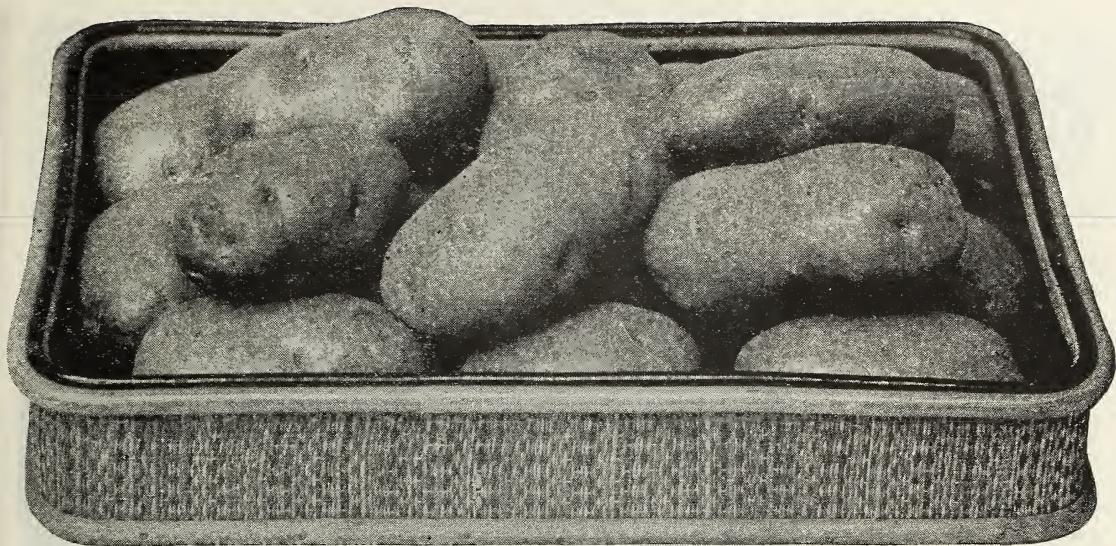


A "new blood," heavy yielding, white-skinned, late potato of the Rural type introduced by us in 1911. It is just as smooth as Rural New Yorker, looks like it, but grows twice as large vines, and yields twice as many bushels per acre. It does this practically every time. On our trial grounds Scotch Rural has invariably made a larger growth of vines than any other variety. It is later in maturing however and on that account we do not recommend it for the extreme north. It is the potato for this latitude and further south.

Prices: Pk., 75c; bu., \$2.50; bbl., \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75.


All potato prices include barrels, sacks and other necessary containers.





A Basket of Olds' Certified Improved Green Mountains.

OLDS' IMPROVED GREEN MOUNTAIN.

 Green Mountain is fast becoming the most popular variety in the potato counties of Northern Wisconsin. It is somewhat earlier than Rural New Yorker and a little ahead of Rural in quality. Does specially well on sandy soils. On clay soils it sometimes grows rough. In some sections of Northern Wisconsin they even call Green Mountain an early variety. We would call it about medium in season.

Green Mountain is a strong, vigorous grower with an abundance of bushy vines with light green leaves and pure white blossoms. The tubers are slightly oblong and broad, with a thick netted skin, cream color rather than white. The color and the thick netting indicate fine cooking qualities. A Green Mountain is hard to beat for an eating potato, as it always cooks up dry and mealy and has a peculiarly fine flavor. As a yielder Green Mountain is near the top and on light soils and sandy soils is usually ahead of Rurals in yield.


All our Green Mountains are certified. That means freedom from mixtures, trueness to type and freedom from disease. See page 3 regarding this. Our stock this year was grown by W. P. Jewell & Sons of Oneida County, a famous Green Mountain county of Northern Wisconsin. Oneida County claims the largest number of Certified Seed Potato Growers of any county of the state and the county has scored the highest of any at nearly all the potato shows that have been held.

PRICES OF OLDS' IMPROVED GREEN MOUNTAIN.

Grade No. 1: Pk., 65c; bu., \$2.30; bbl., \$6.50; 5 bbls. at \$6.35; 10 bbls. at \$6.25; 1500 lbs. at \$3.50.
Grade No. 2: Pk., 55c; bu., \$1.90; bbl., \$5.25; 5 bbls. at \$5.10; 10 bbls. at \$5.00; 1500 lbs. at \$2.90.

OLDS' WHITE MAMMOTH.

INTRODUCED BY US IN 1915. YIELD RECORD 440 BUSHELS PER ACRE.

 History. Olds' White Mammoth originated with one of our Ohio customers, Mr. W. W. Whiton. It started from a seed ball from the old Peachblow. The Ohio Experiment Station tested it and reported a yield of 335 bushels per acre, the highest on the list of varieties that year and 52 bushels ahead of Carman No. 3. When we first tried this variety ourselves we found it one of the best in our trial grounds out of 68 varieties.

Mr. Oluf Cook of Sawyer County, Northern Wisconsin, secured a yield with this variety of 440 bushels per acre. He wrote us: "I have dug my White Mammoth potatoes and had a big yield. On some of the best land I had 440 bushels per acre."

Description. Olds' White Mammoth is a medium large, pure white potato with a thickly netted skin. The tubers are oblong in form with smooth outline and are very attractive in appearance. For quality it is in the front rank, always cooking up dry and mealy. It has the same shape and general appearance as Green Mountain and grows very much like that well known variety, with large bushy vines, light green leaves and white blossoms. It is ahead of Green Mountain for quality and is smoother, and when it comes to productiveness it outyields everything.

Value. We consider White Mammoth a decided addition to the fine list of main crop varieties that we already have. We congratulate ourselves on being able to offer it again to our customers. Our stock this year, all certified, was grown by Thomas Truog, in Trempealeau County, Wisconsin. The stock is fine indeed, smooth, clean and uniform in size and shape. Mr. Brann, the state inspector, says, that when he made the first inspection in August Mr. Truog's field was a wonderful sight. The stand was perfect and the growth very large, completely covering the ground, with a mass of white blossoms. Mr. Brann calls our White Mammoth Green Mountain as it is of Green Mountain type and the Potato Growers' Association recognizes only standard varieties. But it is better than Green Mountain in both quality and yield.

PRICES OF OLDS' WHITE MAMMOTH.

½ pk., 40c; pk., 75c; bu., \$2.50; bbl., \$7.00; 5 bbls. at \$6.85; 10 bbls. at \$6.75; 1500 lbs. at \$3.75.
Potato prices are subject to change after February 1st. Ask for Weekly Price List after that date.



Oluf Cook and his White Mammoth Potatoes.

OLDS' IMPROVED CARMAN NO. 3

YIELD RECORD, 400 BUSHELS PER ACRE.



This great potato should be found in every list of the best varieties. It is a sort of an iron-clad, and holds its own, and does well everywhere. It makes great yields of fine, large, smooth tubers (like the illustration), even under the most unfavorable circumstances, and can be relied on to bring in money. It grows a very strong, upright top, with dark-colored stalks and purple blossoms, and is little affected by drouth, blight, or bugs.

Our Carman No. 3, this year were all grown by Allen Fahland, in Polk County, Northwestern Wisconsin, from hill selected seed.

This stock is certified but certified as Rurals. Wisconsin Potato Growers' Association do not recognize Carman. Mr. Fahland has made a specialty of Carman No. 3 for eight years, improving the strain by hill selection. He says: "I consider them the best main crop potato one can raise because they are practically free from blight and bugs and small potatoes and are a very heavy cropper of good potatoes. They have averaged me 300 bushels per acre. - One year they went 400 bushels per acre."

Prices: Pk., 70c; bu., \$2.35; bbl., \$6.65; 5 bbls. at \$6.50; 10 bbls. at \$6.40.



COMPLETE POTATO PRICE LIST

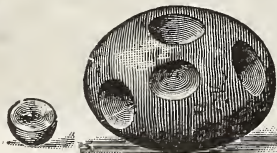
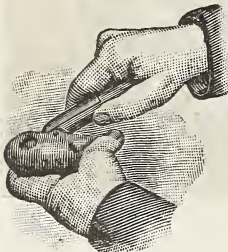
	Half Peck	Peck (15 lbs.)	Bu. (60 lbs.)	150 lbs. (In sack)	Bbl. (172 lbs.)	5 Bbls. Per bbl.	10 Bbls. Per bbl.	1500 Lbs. Per 100 lbs.
Red River Early Ohio, Schroeder Stock	.40	.75	2.50	5.75	7.00	6.85	6.75	3.75
Red River Early Ohio, Schroeder, No. 2	.35	.65	2.15	4.90	6.00	5.85	5.75	3.20
Wisconsin Early Ohio, Certified	.40	.75	2.50	5.75	7.00	6.85	6.75	3.75
Wisconsin Early Ohio, No. 2, Certified	.35	.65	2.15	4.90	6.00	5.85	5.75	3.20
OLDS' WHITE BEAUTY	2.00	3.00	9.00	17.25	20.00	19.00	18.00	11.00
Olds' Red River Six Weeks	.40	.75	2.50	5.75	7.00	6.85	6.75	3.75
Olds' Red River Six Weeks, No. 2	.35	.65	2.15	4.90	6.00	5.85	5.75	3.20
Red River Irish Cobbler, Schroeder	.40	.75	2.50	5.75	7.00	6.85	6.75	3.75
Red River Irish Cobbler, Schroeder No. 2	.35	.65	2.25	5.10	6.25	6.10	6.00	3.35
Wisconsin Irish Cobbler, Certified	.40	.75	2.50	5.75	7.00	6.85	6.75	3.75
Wisconsin Irish Cobbler, No. 2 Grade, Certified	.35	.65	2.25	5.10	6.25	6.10	6.00	3.35
Olds' Red River Triumph, Schroeder	.40	.75	2.60	6.00	7.25	7.10	7.00	3.90
Olds' Wisconsin Triumph, Certified	.40	.75	2.60	6.00	7.25	7.10	7.00	3.90
Red River White Ohio, Schroeder	.40	.75	2.50	5.90	7.15	7.00	6.90	3.85
Olds' Rural New Yorker, Certified	.35	.65	2.30	5.35	6.50	6.35	6.25	3.50
Olds' Rural New Yorker, No. 2, Certified	.30	.55	2.00	4.50	5.50	5.35	5.25	2.90
Olds' Scotch Rural	.40	.75	2.50	5.75	7.00	6.85	6.75	3.75
Olds' Green Mountain, Certified	.35	.65	2.30	5.35	6.50	6.35	6.25	3.50
Olds' Green Mountain, No. 2, Certified	.30	.55	1.90	4.25	5.25	5.10	5.00	2.75
Olds' White Mammoth	.40	.75	2.50	5.75	7.00	6.85	6.75	3.75
Olds' Carman, No. 3, Certified	.40	.70	2.35	5.50	6.65	6.50	6.40	3.60

POUND PRICES. All Varieties except Olds' White Beauty. By mail: One pound (about 3 good tubers) 30c; 3 lbs., 75c; postpaid. By freight or express: Lb., 25c; Not less than one pound of a variety sold. Collection Barrels. We offer a barrel made up of any 2 varieties potatoes on our list except White Beauty, half of each, at barrel rates, plus 20 cents; 3 varieties, at barrel rates, plus 35 cents. Prices Subject to Change. The potato prices given in this catalog are good until February first only. Ask for "Weekly Price List" for prices after that date. They may be lower. They may be higher. Containers Included. All potato prices include barrels, sacks, and other necessary containers.

POTATO EYES.

We furnish Potato Eyes in boxes of 160 eyes each of any varieties on our list except White Beauty, carefully packed in damp moss in paraffin lined boxes. We guarantee safe arrival in good condition.

We have been sending out potato eyes in this way now for several years and we know they give satisfaction. This plan is specially fine for customers living at a great distance, where

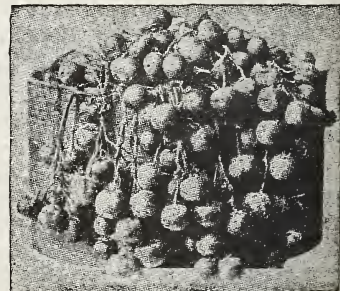


freight would be high. Orders will be filled at the right time for planting.

PRICES OF POTATO EYES. ALL VARIETIES EXCEPT WHITE BEAUTY.

160 Eyes, (one box) all one variety, your selection, \$1.50 by mail, postpaid.
 160 Eyes, (one box) two varieties, 80 of each, your selection, \$1.60, postpaid.
 160 Eyes, (one box) four varieties, 40 of each, your selection, \$1.70, postpaid.
 480 Eyes, (3 boxes) all one variety, \$3.50 by express, not prepaid.
 480 Eyes, (3 boxes) three varieties, \$3.65 by express, not prepaid.
 480 Eyes, (3 boxes) twelve varieties, \$4.00 by express, not prepaid.

(No orders accepted for less than 160 eyes and no White Beauty sold except in whole tubers.)



POTATO SEED-BALLS BY THE BUSH. POTATO BALL SEED.

We offer a fine stock of hybridized potato seed from the balls. Experimenting with this seed is interesting. Every seed makes a distinct variety. Pkt., 15c; 2 pkts., 25c.

OLDS' SEED CORN

FANCY WISCONSIN GROWN CORN.

After the worst season ever known in the history of the seed corn trade it is a matter of great satisfaction to be able to announce this year that we have the choicest lot of Wisconsin Grown Seed Corn we were ever able to offer. It is the highest in germination, all of it testing very close to 100 per cent, and it is the best for quality we ever had. We have a dandy lot of growers here in Wisconsin, men that know how to select corn and know how to dry it and they are certainly delivering to us an elegant bunch of corn.

EAR CORN. With the exception of last year we have offered corn on the ear, put up in bushel crates, every year for the last 14 years. Some of our competitors have discontinued offering ear corn because of the extra expense in handling and because of difficulty in furnishing stock entirely satisfactory to their customers. We believe, however that farmers should have a chance to see the seed corn they buy before it is shelled and in fact many of the most progressive farmers insist upon that. Our corn is so fine this year that we are really anxious to have our customers see it on the ear. We have shelled a larger proportion than usual, however, owing to the high price of crates.

WISCONSIN SHELLED CORN. All the Wisconsin shelled corn we offer is from select ears and is all fire-dried. The corn is either tipped before shelling or carefully graded after shelling and much of it graded with a Hero Corn Grader. See Page 90.

OTHER CORN. We recommend Wisconsin grown corn first of all as the best for planting in Wisconsin and other northern states, but our Illinois, Dakota and Nebraska corn is also very fine, is thoroughly graded and shows a high germination. This corn will be well adapted to states south and west and will be all right of course for silo corn most anywhere. The lower price will commend it to some.

OUR GUARANTEE.—Note what we say about guaranteeing quality on page two. This applies to corn, as well as other things.

The stock must be as represented and suitable for seed. We guarantee to the extent of the amount sent us but no further and will not be responsible for the crop. Under no circumstances will we send a different stock from that ordered without permission.

GOLDEN GLOW. (Wisconsin No. 12.)

Yield Record, 134 Bushels per Acre in Fond du Lac County, Wisconsin.



This is the corn that many have been looking for, something earlier than Silver King and Murdock Yellow Dent and yet large enough to make it a profitable variety for general culture. It matures safely as far north as north central Wisconsin.

Description. Golden Glow is a cross of Wis. No. 8 and Toole's North Star, the idea being to produce a corn combining the extreme earliness of the former with the larger ears and deeper kernels of the latter. It is a pure golden yellow corn, most attractive in color and appearance. Ears are fairly large, averaging about 8 inches in length, symmetrical in shape, slightly tapering with exceptionally well-filled tips; kernels of good length for such an early corn.

All our Golden Glow this year is Wisconsin grown. We have it both on the ear and shelled from R. H. Lang, Jefferson County and Thomas Truog, Trempealeau County, shelled from W. E. Bishop, Trempealeau County and Joseph Egelhoff, Grant County. Mention the stock preferred in ordering if you have any preference. Mr. Lang is a son-in-law and neighbor of Mr. Brueckner of Murdock fame and has taken lessons of him. Mr. Bishop has been growing and selling seed corn for 30 years. He guarantees his corn absolutely and says he never had a complaint. He grades all his corn with a Hero Grader before shipping to us.

PRICES OF GOLDEN GLOW.

Ears: Pk., \$1.85; bu. (70 lbs. net, crate included), \$6.00; 5 bus. at \$5.85; 10 bus. at \$5.75. (Crates free.)

Shelled: Pk., \$1.60; bu. (56 lbs. net, sack 25c extra), \$5.00; 5 bus. at \$4.85; 10 bus. at \$4.75. (2½ bu. cotton grain bags extra for shelled corn at 60c each.)



R. H. Lang and His Prize Winning Golden Glow.

VALUABLE PREMIUM.

"FARMERS' RECORD AND ITEMS OF INTEREST."

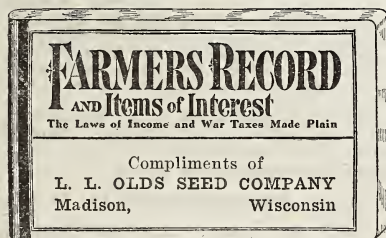
Free with Every Order from Olds' Catalog Amounting to \$10.00 or Over.

Our "Farmers' Record and Items of Interest" is an 80-page book of value to every progressive farmer. It explains the Income Laws as they relate to the farmer, tells just how to keep the necessary records, make out an inventory of land, machinery, stock, feed, etc., compute profits, exemptions, depreciation, etc.

Half the book is for keeping records, a page for each month of the year for receipts and a page for expenses; also a record of hired help, insurance in force, milk, butter and cream record, poultry record, egg record, household expenses, etc. The other half of the book is crammed full of valuable information on all sorts of subjects of special interest to farmers. "Poultry Raising," "The Vegetable Garden," tables of all kinds, etc.

Price of book, 50c, or free on request with every order amounting to \$10.00.

Corn prices are subject to change after Feb. 1st. Ask for "Weekly Price List."



MURDOCK YELLOW DENT.

(Wisconsin No. 13).

Sweepstakes Corn of the Northern Zone.



Murdock Yellow Dent is our favorite variety of corn, and all things considered we pronounce it the most desirable sort now in cultivation for the northern farmer. It was awarded sweepstakes for the Northern Zone, comprising the states of Wisconsin, Michigan, Minnesota, North Dakota and South Dakota, at the National Corn Expositions of 1909 and 1910, and this in competition with corn of all varieties. Mr. H. C. Brueckner of Jefferson County, Wisconsin, was the exhibitor of this corn. He has taken more than 20 premiums on it in the last 9 years. He says: "I have grown Murdock for over twelve years and have improved it a great deal by the selection of seed. I have taken a premium at every show where I have shown corn." We believe he has the finest, most even grade of corn in the state.

We have again contracted for all the Murdock Yellow Dent that Mr. Brueckner can furnish of his famous strain of this corn, and Brueckner Murdock can be secured nowhere else.

A further word about this stock. Mr. Brueckner not only knows how to breed up corn but he knows how to select it. We never have to re-sort his corn. This is the tenth year we have handled his Murdock and those who have had some of it during the past know just how fine it is. We never have enough of it, so order early. We ask more for it because it is worth more. Our other Murdock however is good stuff, and most of it from Brueckner seed.

As to season, Murdock is the earliest dent corn we have in Wisconsin except Golden Glow, Minnesota No. 13 and Wisconsin No. 8. It is earlier than Silver King and will yield as much.

PRICES OF MURDOCK YELLOW DENT.

Brueckner Stock, Ears: Pk., \$2.00; bu., \$6.50; 5 bus. at \$6.35; 10 bus. at \$6.25. Crates free.

Other Wisconsin Stock, Ears: Pk., \$1.80; bu., \$5.75; 5 bus. at \$5.60; 10 bus. at \$5.50.

Brueckner Stock, Shelled: Pk., \$1.80; bu., \$5.75; 5 bus. at \$5.60; 10 bus. at \$5.50. Bags extra.

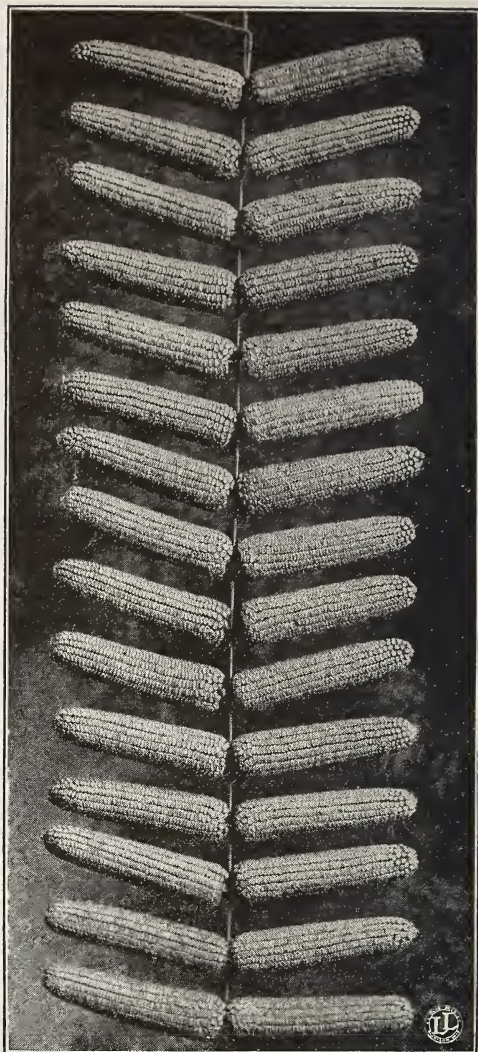
Other Wisconsin, Shelled: Pk., \$1.60; bu., \$5.00; 5 bus. at \$4.85; 10 bus. at \$4.75.

South Dakota Grown, Shelled: Pk., \$1.30; bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75.



Ears of Wisconsin No. 8.

Bushel jute sacks extra for all shelled corn at 25c, 2½ bushel cotton grain bags at 60c. Crates free for ear corn.



Mr. Brueckner's Murdock, Crop of 1918.

WISCONSIN NO. 8 (Earliest Yellow Dent).

Earliest Dent Corn of Any Value.

This is the corn for Northern Wisconsin and similar latitudes. Originally from Minnesota where it is known as Minnesota No. 13, Wisconsin No. 8 has been developed at the Wisconsin Experiment Station and is a great improvement over the Minnesota strain. By careful selection and breeding the kernels of this variety have been materially lengthened and the ears enlarged without sacrificing the extreme earliness. It fully matures on the shores of Lake Superior and will get ripe anywhere in Wisconsin. Ears average 7 to 8 inches in length, with good length kernels, very uniform in type and color, with remarkably well-filled tips. It grows a medium-sized stalk with a good leaf development, and with practically no barren stalks.

Our stock is Wisconsin grown and is all very select, fire-dried seed. It was grown by Mr. Thomas Truog of Trempealeau County, who also furnishes us Golden Glow.

PRICES OF WISCONSIN NO. 8.

Ears: Pk., \$1.85; bu., \$6.00; 5 bus. at \$5.85; 10 bus. at \$5.75.

Shelled: Pk., \$1.65; bu., \$5.25; 5 bus. at \$5.10; 10 bus. at \$5.00.

SILVER KING (Wisconsin No. 7)



Silver King is the best known of all-around good varieties of corn adapted to latitude of Southern Wisconsin. It has become immensely popular and has really revolutionized corn growing in Wisconsin putting us as a state ahead of Illinois, Iowa, Missouri, Nebraska, Kansas and all other states in the Union in yield per acre. This is a great triumph for Silver King.

History:—This corn originated in northern Iowa. It was brought to Wisconsin a few years ago and has been developed and improved and sent out over the state through the members of the Wisconsin Experiment-Association. Ours was the first seed house to offer it, cataloging it for the first time in 1907. It has yielded at the Wis. Ex. Station 98 bushels per acre and the average yield for the whole state for 3 years was 57 bushels as compared with 33 bushels, the average of all other varieties.

The greatest yield for Silver King thus far reported and the yield record for Wisconsin, all varieties, is 137 6-10 bushels per acre. This was the amount of shelled corn produced on one acre of ground in 1913, by Helron Block of Racine County.

Description:—In appearance the corn is a beauty. Ears just the right length, averaging 8 to 9 inches, always filled out clear to the tips, and very uniform in size and type. The corn is pure snow-white in color with good length kernels set compactly in straight rows. The corn is a strong grower, early enough to mature as far north as Oshkosh, Wisconsin, and is especially adapted to resist cold weather. It has a decided double-ear characteristic, one reason for its yield records.

Our stock this year is mostly Wisconsin grown, very fine stock, but we have also a nice bunch of Nebraska grown Silver King shelled, and this will be all right for silo corn.

PRICES OF SILVER KING OR WISCONSIN NO. 7.

Wisconsin Grown, Ears: Pk., \$1.90; bu., \$6.25; 5 bus. at \$6.10; 10 bus. at \$6.00. Crates free.

Wisconsin Grown, Shelled: Pk., \$1.75; bu., \$5.50; 5 bus. at \$5.35; 10 bus. at \$5.25. Bags extra.

Nebraska Grown, Shelled: Pk., \$1.25; bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.



Silver King or Wisconsin No. 7.

This shows the style of crate we use. Tops and bottoms are tight, sides lined with wire cloth.

IMPROVED SMUT NOSE FLINT.

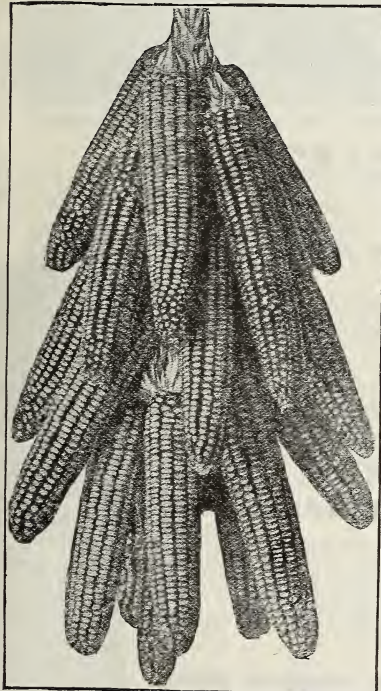
Developed, improved and sent out by the Wisconsin Experiment Station. They consider it more prolific than any other Flint and it also has a better stalk. It has a long ear with eight rows of large yellow kernels shading down to the peculiar burnt looking kernels near the tip. Our stock is Wisconsin grown, from Dodge County.

Prices, Shelled: Pk., \$1.75; bu., \$5.50; 5 bus. at \$5.35.

KING PHILIP FLINT.

A famous extra early red flint. Limited stock.

Prices: Wisconsin grown, same as for Smut Nose.



Ears of Northwestern Dent.

EARLY NORTHWESTERN DENT.

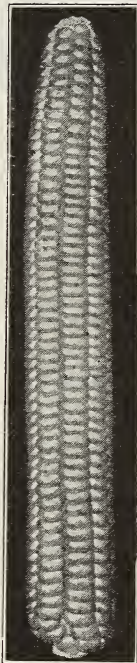
A very famous corn with northern growers. It is in a class by itself, having red kernels with a yellowish cap, being really a cross between a red flint and a yellow dent. The type now has become well established and the corn is uniform. Extremely early. As a rule Northwestern Dent matures in 85 to 90 days. Stock is South Dakota grown.

Prices: Pk., \$1.30; bu., \$4.00; 5 bus. at \$3.85; 10 bus. at \$3.75. Bags extra.

SQUAW FLINT.

Extremely early, of dwarf habit. Eight-rowed, of bluish or variegated colors. Stock is Wisconsin grown, shelled.

Prices: Pk., \$1.65; bu., \$5.25; 5 bus. at \$5.10.



Smut Nose.

DENT.



MINNESOTA NO. 13.

Minnesota No. 13 is an extra early yellow dent. Originated at the Minnesota Experiment Station.

Description. Minnesota No. 13 grows fairly good sized ears, 7 to 8 inches long, with well filled tips and uniform in type and color. Stalks grow to a height of about 7 feet and being leafy make excellent fodder. The corn matures in 90 days of ordinarily favorable weather. Sometimes in less time. We recommend it for our Minnesota, Northern Wisconsin and North Dakota customers.

Our stock is all shelled, part of it Wisconsin grown, from Trempealeau County, but most of it Dakota grown.

Wisconsin Grown: Pk., \$1.65; bu., \$5.25; 5 bus. at \$5.10; 10 bus. at \$5.00.

South Dakota Grown: Pk., \$1.25; bu., 3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.

OLDS' EARLY REID'S YELLOW DENT.



Reid's Yellow Dent is doubtless more largely grown throughout the corn belt than all other varieties of yellow corn combined. It is of a light golden color; ears long and solid, shelling 88 per cent grain and often better. It is the favorite for exhibition purposes. Because of its very large growth it is a very profitable variety to plant in the North for silo.

Mr. James L. Reid, the famous corn breeder of Illinois, originally had two strains of Reid's Yellow Dent, the regular strain grown so largely throughout the corn belt of Central Illinois and Iowa and an early 90 day strain. Our stock is all of the latter strain. It was grown by Colton Brothers of De Kalb County, Northern Illinois. We have a car load of it, mostly shelled but part on the ear. It was partly fire dried and is fine stock, not extra large ears. Tests 100 per cent or practically so. Mr. Colton says:

"In this locality as a rule a later corn could be grown but we are staying by this as it is almost a sure shot to get firm and a good yielder, good feeder and enables you to work earlier in the fall before cold weather sets in. It has a very firm, compact ear with depth of kernel."

PRICES OF OLDS' EARLY REID'S YELLOW DENT.

Ears: Pk., \$1.65; bu., \$5.25; 5 bus. at \$5.10; 10 bus. at \$5.00.
Shelled: Pk., \$1.40; bu., \$4.25; 5 bus. at \$4.10; 10 bus. at \$4.00.

PRIDE OF THE NORTH.

The old, well-known standard extra early Yellow Dent. A strictly 90-day corn. Ears not large, but kernels very deep with very small cob. Probably no variety furnishes as large a percentage of shelled corn. Ears about 7 to 8 inches long, often two on a stalk.

Nebraska Grown, Shelled: Pk., \$1.25; bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.

DAKOTA 90 DAY WHITE.

An early white corn similar to Silver King and of same type, but earlier and a little smaller. Our stock is from South Dakota, where this variety is quite largely grown.

Prices: Pk., \$1.25; bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.

SANFORD'S WHITE FLINT.

A heavy yielding, 8-rowed flint with large ears. The ears are 12 to 15 inches long with large, broad kernels of a flinty white color. Stalks are tall and leafy with usually 2 or 3 ears each. A popular corn with dairy farmers. Our stock is Nebraska grown and shelled.

Pk., \$1.40; bu., \$4.50; 5 bus. at \$4.35; 10 bus. at \$4.25.

COMPTON'S YELLOW FLINT.

An extra early variety, with large ears, which average 10 inches long and are 12 to 14 rowed. The ears are well filled to the tips with small, rich golden-yellow kernels. The stalks grow 10 feet high, and often produce 2 and 3 ears each. This is a very productive variety and has yielded 75 bushels per acre and more.

Nebraska Grown, Shelled: Pk., \$1.40; bu., \$4.50; 5 bus. at \$4.35; 10 bus. at \$4.25.

GIANT RED COB ENSILAGE.

A very large pure white corn with red cob. It grows the largest doubtless of any variety of corn and is the favorite for planting in the North where a large growth of green fodder is desired. There is nothing better to plant for cutting up and feeding green right from the field and where it is not desired to grow ears it will prove the most profitable for the silo. Our stock is Missouri grown.

Prices: 1/2 pk., 70c; pk., \$1.25; bu., \$3.50; 5 bus. at \$3.35; 10 bus. at \$3.25.

IMPROVED LEAMING.

The Leaming is the oldest distinct variety of corn, having been originated in 1826. It is a standard yellow corn, well adapted to northern and central Illinois and the most of Iowa, and similar latitudes. In fact, it is grown with success in Wisconsin.

Nebraska Grown, Shelled: Pk., \$1.25; bu., \$3.75; 5 bus. at \$3.60; 10 bus. at \$3.50.

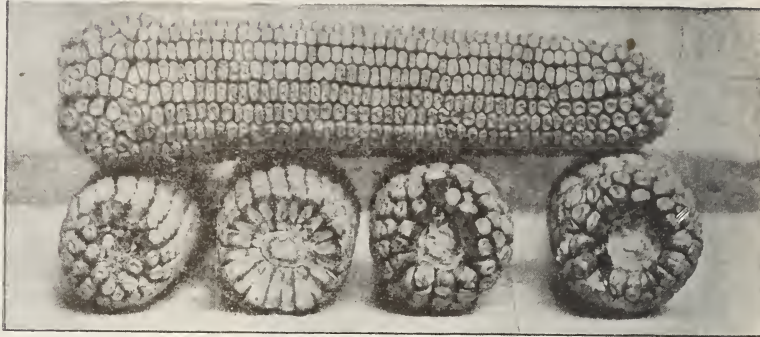
EVERGREEN SWEET FODDER CORN.

A fodder grade of Stowell's Evergreen Sweet Corn. For description and for other Sweet Corn see Garden Seed pages.

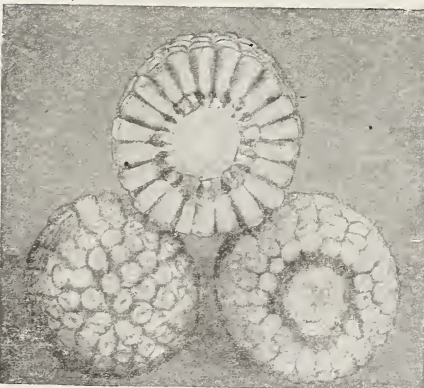
Prices: Pk., \$1.50; bu. (45 lbs.), \$4.50; 5 bus. at \$4.35; 10 bus. at \$4.25.

Any variety of corn on our list—By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 3 lbs., 65c. Samples showing tests free. Half pecks at peck rates, half bushels at bushel rates. Bushel sacks extra at 25c for quantities over one peck, grain bags holding 2 1/2 bus. 60c.

Sample ear, any variety offered on the ear, by mail, 30c. By freight or express, 25c. This may be deducted from first order for one bushel or over.



Reid's Yellow Dent, A Very Popular Yellow Corn.



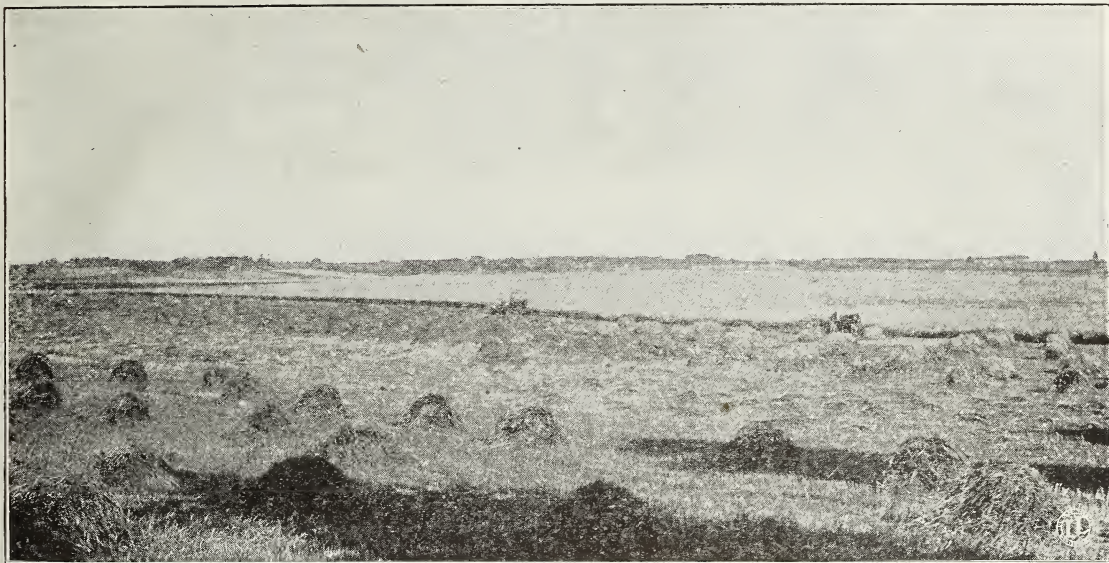
Improved Leaming.



Sanford's.

OLDS' SEED OATS

Choice Seed Oats are another speciality of ours. All our oats, as a rule, are grown for us on contract. We furnish the stock seed. Seed is treated for smut. The oats are thoroughly re-cleaned and all light oats blown out. It will pay any farmer big to change seed and get some of Olds' choice heavy seed oats of new and improved varieties. Our stock is practically all grown right here in our home county. There is no better oat growing section in the world than this.



Field of Wisconsin Pedigree No. 7 on Farm of A. J. Vieth, Dane County. Yield of This Field Over 100 Bushels per Acre.

WISCONSIN PEDIGREE NO. 7

King of the Extra Early Varieties.



A new pedigreed variety of oats originated at the Wisconsin Experiment Station. We offered it in our catalog for the first time last year and believe no other seed house has yet listed it.

History. Pedigree No. 7 is of Kherson origin. It came originally from the Kherson district of Russia to the Nebraska Experiment Station. In 1911, eight years ago, breeding work was begun on it at the Wisconsin Station. It was grown in the test plots at that Station as a pedigreed variety for 5 years, and during that time showed some remarkable yields, several times over 100 bushels per acre and one year as high as 111 bushels per acre.

Description. Wisconsin Pedigree No. 7 is a yellow oat, bright and shiny, with a very thin hull. In fact it is about all meat, very heavy and a great oat for feeding. It is very early. Indeed the earliest of all varieties, some 25 or 30, grown at the Wisconsin Station. This is of great importance as it escapes the rust so apt to hit oats just before harvest.

It has the stiffest straw and has stood up the best of all oats at the Wisconsin Station Farm. This means a great deal. In 1917 when heavy storms lodged other oats so that they could not all be secured by the binder Wisconsin No. 7 stood up perfectly and there was no loss in cutting. They yielded a third more per acre than Pedigree No. 1 just because of this one thing.

Another thing about this new oat is its hardiness. Prof. Leith says it is the hardest of anything, resists heat and withstands unfavorable conditions. He recommends it for sandy land especially, as well as for rich black soils not ordinarily adapted to oats. At the same time it seems to be a very satisfactory oat for clay soils and all other soils and is really an all-around good variety..

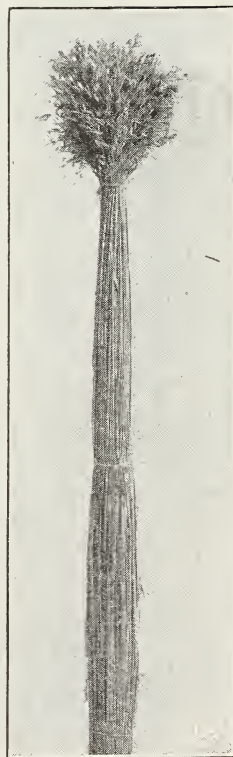
We have splendid stock to offer this year of Wisconsin Pedigree No. 7, all grown right here in Dane County by Mr. Vieth and other farmers. Mr. Vieth says all his neighbors who helped him thresh were astonished at the way his oats poured out at the machine. They could hardly get help enough to take care of them and they all want to sow Pedigree No. 7 next year. Mr. Vieth's yield was fully 100 bushels per acre just on ordinary land without any special attention, while other oats yielded only 50 or 60 bushels. Our other growers, several of them in Dane County reported about the same way—ahead of everything else and around 100 bushels per acre.

To sum up, Wisconsin Pedigree No 7 excels in hardiness, extreme earliness, resistance to heat and rust, stiffness of straw, adaptability to hard conditions and heavy yielding qualities. We recommend it very emphatically.

PRICES OF WISCONSIN PEDIGREE NO. 7 FOR 1919.

By mail: Lb., 30c; 3 lbs., 60c. By freight: Lb., 25c; 1/2 pk., 35c; pk., 60c; bu., \$1.70. (Sack extra, 25c.) 2 1/2 bus. at \$1.60; 10 bus. at \$1.55; 25 bus. or over at \$1.50; 2 1/2 bus. sacks extra at 35c.

Oat prices do not include sacks except in small quantities, peck or less, and prices are subject to change after Feb. 1st.



Sheaf of Wis. No. 7.



Wisconsin Pedigree No. 1 on Wisconsin University Farm. This Plot Yielded 110.6 Bushels per Acre, the Highest Yield of All Oats Tested.

WISCONSIN PEDIGREE No. 1.



A wonderfully valuable oat introduced about six years ago. It has already become in the six years time one of the most popular and most sought after of all varieties of oats, surpassing even the celebrated Swedish Select. Out on the University Farm they call it the "best oat in the world."

History. Wisconsin Pedigree No. 1 originated at the Wisconsin Experiment Station from a variety called Wisconsin Wonder or Improved Bonanza. About 100 other new varieties of oats were started at the same time. After 14 years of careful breeding work, five pedigree varieties, which went by numbers, were given members of the Wisconsin Ex. Assoc. in 1912 for trial. Pedigree No. 1 proved the best of all the pedigree varieties and gave splendid results in every section.

Description. Wisconsin Pedigree No. 1 is a pure white oat, good sized, a little longer in grain than Swedish Select, with a somewhat shorter and stiffer straw and a little earlier in ripening. At the Wis. Ex. Station they make quite a point of the stiffness of the straw. They say: "It is the best oat for medium rich soils thus far bred at the station farm. It will stand up on rich river bottom land and similar locations where Swedish Select usually lodge."

Yield. The average yield of Wisconsin Pedigree Oats for 1913 as reported by 166 members of the Wis. Ex. Association was 52.8 bushels per acre as compared with 41.5 bushels, the average for all other varieties in Wisconsin; an increase of 27 per cent.

C. B. Thorpe of Grant County, Wisconsin, threshed 300 bushels Wisconsin Pedigree No. 1 in 1917, from 6 bushels of seed procured of us and sown on $2\frac{1}{2}$ acres, 120 bushels per acre.

Walter T. Struck of Oregon reports a yield of 117 bushels per acre from four acres.

Value. We consider this one of the most valuable oats ever introduced. They are giving satisfaction everywhere. The oats are heavy, good sized, with thin hull, outyield nearly everything, will grow on rich soils and stand up.

PRICES OF WISCONSIN PEDIGREE NO. 1.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 25c; pk., 45c; bu., \$1.35; $2\frac{1}{2}$ to 10 bus. at \$1.25; 10 bus. at \$1.20; 25 bus. at \$1.15. (Sacks extra.)

Franklin Barber, Wisconsin, writes: "The Wisconsin Pedigree No. 1 oats I received of you last year were O. K. On a three-acre field they yielded 273 bushels. I think they would have yielded more but we had a dry spell at ripening time."

GOLD MINE OATS.

We regard Gold Mine as a sort of an ironclad. It makes a big strong growth, 4 feet high or more, with splendid stiff straw and large bushy heads. The grain is heavy, plump and of large size. The hull is very thin and oats very attractive, of a shiny golden yellow color. They always yield well and will withstand drouth.

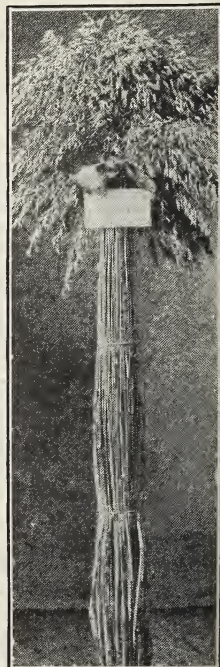
Prices: Pk., 40c; bu., \$1.30; $2\frac{1}{2}$ to 10 bus. at \$1.20; 10 bus. at \$1.15; 25 bus. at \$1.10. (Sacks extra.)

SILVER MINE.

A well-known and very popular variety, first introduced in 1895. A plump, white oat, quite an early variety with smooth, shiny kernels. Always free from awns. We have some very nice stock.

Prices: Pk., 45c; bu., \$1.35; $2\frac{1}{2}$ to 10 bus. at \$1.25; 10 bus. at \$1.20; 25 bus. or over at \$1.15. (Sacks extra.)

Note.—Oat prices given in the catalog are good until February 1st. Ask for "Weekly Price List" after that.





White Kherson on Farm of Henry E. Krueger. 30 Acres Averaged 108 Bushels Per Acre.

OLDS' WHITE KHERSON. (Iowa No. 103).

Olds' White Kherson is a distinct new variety which originated at the Iowa Experiment Station. It was first sent out for trial six years ago to a select list of a few prominent farmers including Mr. H. E. Krueger, Wisconsin's famous grain expert. Mr. Krueger named these oats "White Kherson" because they possessed so many of the characteristics of the Kherson, being just as early but white instead of yellow. He says of them "They beat the Swedish Select 12 bushels per acre in 1913 and 28 bushels in 1914. They grow a short stiff straw so that every bundle is a mass of oats and we do not have to handle a lot of worthless straw." Mr. Krueger says they yielded 20 bushels more per acre than Wisconsin Pedigree No. 1, were 2 weeks earlier and were heavier, running 3 bushels per bag. This was in 1914. In 1915, they yielded 108 bushels per acre on Mr. Krueger's farm and this was the average for 30 acres and in 1916 Mr. Krueger wrote: "Our yield on one of our fields was 118½ bushels per acre by actual weight and measured land. I find White Kherson fine to get a catch of clover or alfalfa with; just as good as barley in that respect; and their earliness gets them ahead of hot weather."

Mr. Krueger showed these oats at the Dry Farming Congress Exhibition at Wichita, Kansas in 1914 and in 1915 and secured both years "First on White Oats, Open to the World" and then "Sweepstakes" On All Oats.

Prof. Burnett of the Iowa Agricultural College says: "Iowa No. 103 is a 'pure line.' It is an early white oat that resembles the Kherson in its manner of growth. It has outyielded the Kherson both here at the Station and in the farmers' tests the last two seasons."

PRICES OF OLDS' WHITE KHERSON.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 25c; pk., 45c; bu., \$1.40; 2½ to 10 bus. at \$1.30; 10 bus. at \$1.25; 25 bus. or over at \$1.20.

OLDS' IMPROVED YELLOW KHERSON (Iowa No. 105)

Introduced by us in 1917. A better yielder than White Kherson and way ahead of the original Yellow Kherson, not only in yield but in stiffness of straw.

Like our White Kherson (Iowa No. 103) it is a "pure line." At the Iowa Agricultural College, where it originated, they are very enthusiastic over it.

Prof. H. D. Hughes, says: "The No. 105 is a better oat for rich land than the No. 103 in that it has a very much stronger straw than the Kherson or the No. 103, or in fact, any other good variety of which I know. This is a very desirable characteristic for the rich corn belt lands.

Description: Olds' Improved Yellow Kherson is a bright golden yellow oat, tremendously productive, with a larger number of kernels to the head than other oats. **They never lodge even on the richest soil.** Their earliness makes them valuable on any farm where a lot of oats are grown as it divides the harvest. Olds' Improved Yellow Kherson is at least two weeks earlier than most varieties and undoubtedly the earliest oat ever introduced.

Our seed stock came from Henry Krueger, grower of Olds' White Kherson. Mr. Krueger writes: "I don't believe I could say any more for the Yellow than the White Kherson except that they have a shorter straw, are 3 to 5 days earlier and the yellow color seems to make them better for black soil. It seems that yellow oats are more resistant to heat."

PRICES OF OLDS' IMPROVED YELLOW KHERSON.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 25c; pk., 45c; bu., \$1.40; 2½ bus. at \$1.30; 10 bus. at \$1.25; 25 bus. or over at \$1.20.

(Sacks are extra for all oats at 35c for each 2½ bushel sack, 25c each for one bushel sacks. We ship in heavy weight hemmed top jutes, same size as a grain bag.)



Heads of Improved Yellow Kherson Oats.



Olds' Scottish Chief. A Wonderful Oat. Yield in Dane County 92 Bushels per Acre.

OLDS' SCOTTISH CHIEF.



A new variety that we offered five years ago for the first time. A thoroughbred, imported from Scotland a few years ago. It is a tremendously vigorous grower, with strong stiff straw and large bushy heads filled with the largest, pure white, plump heavy oats. It is emphatically "a show oat" and on account of its fine appearance will always command the very best price on the market.

Our Scottish Chief, as grown for us on the farm of Mr. J. M. Blaska, near Madison, were again about at the top in the oat line anywhere in this section, and for appearance nothing is ahead of them. They stood up perfectly, were as high as a man's head and were absolutely free from smut, making a splendid yield of large, heavy, very attractive white oats. Ask for a free sample of this stock. We want to show it to you.

We want to see a lot of our friends who are looking for some better oats for 1919 sow these Scottish Chief of ours as grown by Mr. Blaska. They did great things for him and they will for you.

Prices: Pk., 45c; bu., \$1.35; 2½ to 10 bus. at \$1.25; 10 bus. at \$1.20; 25 bus. at \$1.15. (Sacks extra.)

REGENERATED SWEDISH SELECT



Regenerated Swedish Select Oats originated with the Garton Seed Company of England. To "regenerate" is to make new, to re-create, and that is just what has been done by the Garton people. They have given us something ahead of the original Swedish Select. They have produced the finest oats ever seen in this country, heavy and plump and perfectly pure.

Now we have a stock of Regenerated Swedish Select to offer our customers that we believe is ahead of the English grown stock, because better adapted to American conditions.



Three kernels in a pod, a common thing in the Regenerated Swedish Select. This is what breeding will do. It makes the yield.

Our stock was grown by Mr. A. G. Scheurell and others right here in our home county originally from the Garton seed. They are fine stock, bright, white and heavy, and perfectly pure and clean. Everyone will be pleased with them. For clay soils there is no better variety of oats than Regenerated Swedish Select. You can just as well increase your oat yield 25 to 100 per cent by using this seed. The three-kernel feature, a very common thing with Regenerated Swedish, is one reason for the splendid yields.

Prices: Pk., 45c; bu., \$1.35; 2½ to 10 bus. at \$1.25; 10 bus. at \$1.20; 25 bus. at \$1.15. (Sacks extra.)

One pound any variety oats except Wisconsin Pedigree No. 7, 25c by mail; 3 lbs., 50c. By freight: 1 lb., 20c; ½ pk., 25c. Half bushels at bushel rates.

Oat prices are subject to change after February 1st. Ask for "Weekly Price List."

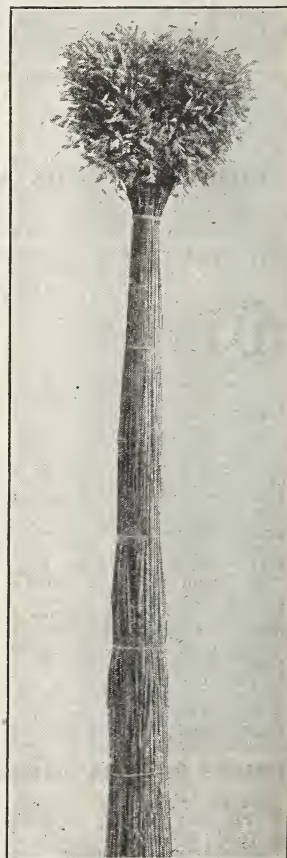
Sacks are extra for all oats at 35 cents each, 2½ bushel size, 25 cents bushel size.

Liberty Bonds. We accept Liberty Bonds at par in payment for anything ordered from our catalog.

H. M. Pearl, Vermont, writes: "I like your catalog because you cut out the gas."

F. H. Skinner, Iowa, writes: "Received my order from you and it is O. K. The seeds are just as you described them and I'm well pleased with them. You can expect an order from me next year."

Ask for free samples of any varieties of grain or field seeds, showing tests. Buy from samples.



Sheaf Regenerated Swedish.

OLDS' SEED BARLEY



Wisconsin Pedigree No. 5, Grown by J. M. Blaska, Near Madison. This Field Averaged 50 Bushels Per Acre.

WISCONSIN PEDIGREE BARLEY.

THE WORLD'S CHAMPION BARLEY TEN YEARS IN SUCCESSION.



Wisconsin is a great barley state and Wisconsin barley leads the world. Twenty-four years ago, in 1895, Manshury barley was first sent out by the Wisconsin Ex. Station. This variety nearly doubled the yield of common barley and was worth millions of dollars to the farmers of Wisconsin alone. Later came Mandschueri, an improved Manshury, and then in 1907, Oderbrucker was first offered and this was ahead of anything else up to that time. Now we have Wisconsin Pedigree, the greatest of all six-rowed barley.

The following are reasons why "Wisconsin Pedigree Barley" is of such great value:

First:—It outyields all others. The average yield in Wisconsin for 5 years was 36½ bushels per acre, an increase of 22 per cent over the yield of all other barley.

Second:—Plumpness of Grain. All who have grown it notice the unusually plump kernels.

Third:—Stiffness of Straw. Stands up better than Oderbrucker or Mandschueri.

Fourth:—Vigor of Growth. Taller than any other barley. We have measured stalks five feet high.

Fifth:—Uniformity. All the kernels are alike, an important matter with barley.

Sixth:—Perfect Development. Heads are more completely filled out than with any other variety.

Seventh:—Large Heads. Many speak of the unusually long, large heads.

PEDIGREE NO. 5. There are several different strains or numbers of Wisconsin Pedigree Barley. Ours is Pedigree No. 5 of Oderbrucker origin and this is the one that has taken so many prizes. We secured our original seed stock of Mr. H. E. Krueger who had this barley two years ahead of others. Mr. Krueger says of it:

"I have grown the Wisconsin Pedigree Barley No. 5 the past ten years. It is the best barley I have ever grown, all points considered. It has yielded 65 bushels per acre on our farm. It has the stiffest straw, plumpest berry, stands up best and yields the most per acre of any barley I have ever seen." Mr. Krueger has made himself as well as the state of Wisconsin famous through the prizes he has won.

Some of the prizes won by Mr. Krueger on Wisconsin Pedigree No. 5 are as follows:

Sweepstakes, Open to the World, 1908, 1909, 1911, 1912, 1913 and 1914, International Corn Expositions.

First, American Prize, Six-Rowed Barley, 1911 International Barley Exposition.

First, Wisconsin State Fair, 1908, 1909, 1910 and 1911.

First, 1914 International Dry Farming Congress, Wichita, Kansas.

First and Grand Champion Sweepstakes, 1915, 1916 and 1917 International Wheat Exposition, Wichita, Kansas.

First, International Soil Products Exposition, El Paso, Texas, 1916.

Our Pedigree No. 5 this year was grown right near Madison by J. M. Blaska, who has grown for us for nine years straight, by John Blaska, E. C. Drunasky, R. O. Gmeinder and others. The stock this year is unusually plump, in fact as large grain as we ever had. It all shows a high germination test and is fine seed barley, pure and clean. There is no better Barley section in the world than Dane County, Wisconsin.

PRICES OF WISCONSIN PEDIGREE BARLEY FOR 1919.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 30c; pk., 50c; bu., \$1.75; 2 bus. at \$1.65; 10 bus. at \$1.60; 25 bus. or over at \$1.55. Heavy jute sacks, holding two bushels each, extra at 35c. One bushel sacks at 25c.

780 Bushels Pedigree Barley from Ten Acres.

Chas. E. Tallmadge, Illinois, writes: "I sowed 9 bushels of Marquis wheat on 5 acres from Montana seed bought of you last spring and threshed 270 bushels of fine wheat, using 5 pounds of twine to the acre binding. Also bought Wisconsin Pedigree Barley of you. Sowed 24 bushels and threshed 780 bushels from 10 acres."

John M. Grueter, Wisconsin, writes: "The Barley, Wisconsin Pedigree No. 5 received from you gave 39 bushels from one-half acre. The seed looks better and plumper than what I got from you."

70 Bushels Per Acre—Finest Ever Grown in the County.

Wm. Lillis, Scott Co., Iowa, writes Jan. 22, 1918: "My order was for 25 bushels Barley and 25 bushels Oats. Each lot covered 12 acres. The Barley yielded 70 bushels per acre of fine, heavy grain and the Iowa No. 105 Oats yielded 77 bushels per acre. I must say the Oats and Barley were the finest fields that ever grew in this county, the oats in particular, medium straw, short, heavy, compact heads, plump berry, the most perfect oats ever produced. I want to thank Olds' Seed Company very much for such grand seed."

OLDS' MONTANA WHITE HULLESS.



No Beards or Hulls. Yields 60 Bushels Per Acre. White Hulless is different from any other barley. The grain looks like wheat. It is almost as heavy as wheat, equal to wheat in feeding value, and will yield nearly twice as much. It succeeds in all barley-growing regions, and also in sections where common barley is not grown at all.

It is very early, thus making a splendid nurse crop for seeding with clover; is entirely beardless, with soft straw, splendid for feed. Many farmers cut it for a hay crop. It yields as high as 60 bushels per acre, and for feeding value is not surpassed by any other grain. Sow in spring, 1½ bushels per acre, and treat just as you would any other barley. Specially fine for poultry and for grinding for hogs.

For several years we have been having White Hulless Barley grown in Montana. Our customers who have had this seed know how fine it is. Plump, fat kernels of a beautiful bright color, it looks like the finest grade of wheat, only the kernels are larger. Our stock this year is as pure and clean as usual and is from the same grower, Mr. P. V. Jackson. Our supply is limited however as the crop was very short the past season. Too much dry weather in Montana.

Prices (Genuine Montana Grown): By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 50c; pk., 90c; bu., (48 lbs.), \$3.25; 2 to 10 bus. at \$3.15; 10 bus. at \$3.10. Bags extra at 60c.

ODERBRUCKER. (WIS. NO. 55.)



Oderbrucker Barley was first offered in 1907. It is the best six-rowed barley in cultivation with the exception of Wisconsin Pedigree. Prof. Moore says its feeding value should be especially emphasized as it has a protein content of 15 per cent, or nearly double the amount of protein found in most other varieties. It is a stiff strawed, heavy-yielding, six-rowed, bearded variety.

Prices: ½ pk., 30c; pk., 50c; bu., \$1.75; 2 to 10 bus. at \$1.65; 10 bus. at \$1.60; 25 bus. or over at \$1.55. 2 bushel jute sacks extra at 35c.

SPELTZ OR EMMER. THE GREAT RUSSIAN GRAIN.

Every farmer ought to sow some speltz. It makes a splendid feed and lots of it. With our growers it averages over one-third more bushels per acre than barley. Note the following points:

First. It is perfectly hardy and can be grown successfully anywhere.

Second. It yields more bushels per acre than either oats or barley.

Third. It is specially adapted to dry regions and to localities that are subject to hot, dry summers, as it withstands drouth where barley fails entirely.

Fourth. It has such a very stiff straw that it stands up when oats and barley lodge. The straw is about as stiff as rye straw.

Fifth. It makes a well-balanced feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed. Prof. Wilson, of the S. D. Ex. Station, in a careful experiment with feeding calves, found speltz worth 40 per cent more than corn, pound for pound.

Sow the same as barley or oats about 100 pounds or 2½ bushels per acre. It ripens about with oats.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 30c; pk., 50c; bu. (40 lbs.), \$1.60; 100 lbs., \$3.75; 500 lbs. at \$3.65; 1,000 lbs. at \$3.60.

PRIMOST FLAX. (MINNESOTA NO. 25.)

This is a new pure-bred variety of flax from the Minn. Ex. Station. Pronounced by them the "best yielding variety."

Prices: By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; 3 lbs., 50c; ½ pk., 80c; pk., \$1.50; bu. (56 lbs.), \$5.00; 2 to 10 bus. at \$4.90; 10 bus. at \$4.85. Bags extra at 60c.

NO. 52 RESISTANT FLAX.

A new variety recently developed at the North Dakota Agricultural College. It is wilt-resistant and rust-resistant. Prof. Bolley is recommending it to all flax growers. Prices: Same as for Primost.

JAPANESE BUCKWHEAT.

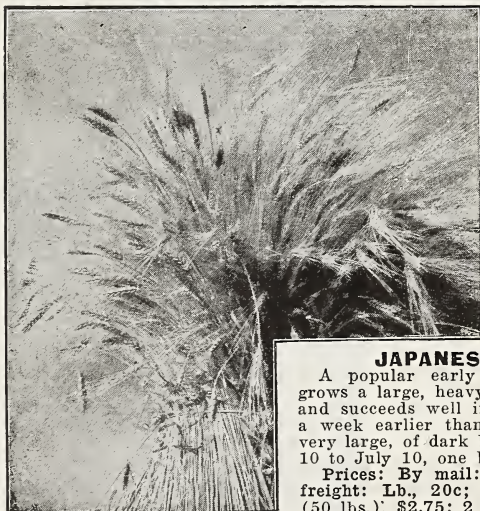
A popular early variety of buckwheat. It grows a large, heavy straw, with many branches, and succeeds well in the extreme north. About a week earlier than Silver Hull. The grain is very large, of dark brown color. Sow from June 10 to July 10, one bushel per acre.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 45c; pk., 80c; bu. (50 lbs.), \$2.75; 2 to 10 bus. at \$2.65; 10 bus. at \$2.55; 25 bus. or over at \$2.50. Sacks extra at 35c.

SILVER HULL BUCKWHEAT.

Silver Hull has a rather small grain, light gray in color, nearly round in shape. Our farmers here in this section are sowing Silver Hull quite generally now in preference to Japanese, as it not only sells better, but generally yields more. Prices, same as for Japanese.

Note.—Bags are extra for all seed grain, amounts of over one peck. Bushel jutes at 25c; 2½ bu. jutes at 35c; grain bags at 60c.



Sheaf of Speltz.



OLDS' SEED WHEAT



Field of Marquis on Farm of A. J. Vieth, Dane County, Wisconsin.

MARQUIS WHEAT (BEST OF ALL VARIETIES)

The Wheat That Has Revolutionized Farming.

Marquis wheat is in a class by itself. It is different. It produces great yields of splendid wheat on old farms everywhere, where it was not supposed that wheat would succeed at all. Farmers all over the middle west tried out Marquis last year in response to the urgent request of the Government to grow more wheat. Now they are all sorry they did not sow larger acreages. Why, it was nothing uncommon for farmers in southern Wisconsin and northern Illinois to report yields of 40 bushels per acre and over and down in Will County, Illinois the farmers secured yields as high as 60 bushels per acre, when they had not grown wheat in years. Read at the bottom of this page what Mr. Paul R. Lisher, Farm Advisor, says.

Origin. Marquis wheat was originated by Dr. Saunders of the Ottawa Ex. Farm by breeding together Red Fife and a very early Indian wheat, Red Calcutta. It is practically bald like the Fife and grows much the same. Dr. Saunders says:

"I introduced this wheat into Saskatchewan in 1907, and as a rule it has given a considerably higher yield than any other variety. The highest recorded yield was at the rate of 81.1-3 bushels. Marquis is an excellent hard wheat ripening about a week earlier than Red Fife."

Description. Marquis is a hard red spring wheat, grading No. 1 Northern, which brings the top price, but is quite different in appearance from Fife and other hard spring varieties. The grains are short and thick and very plump making it very attractive in appearance. It is a strictly beardless wheat with long heads and it has a very stiff strong straw of good length. It ripens early, a little ahead of other spring varieties.

Now for 1919. The war is over but we must feed the world. The Government urges farmers to grow all the food they possibly can the coming season, especially wheat. The Government has fixed the present price of wheat to last until June, 1920. As this price is high in comparison with prices of other grains, farmers should sow large acreages of wheat as it is about the most profitable thing to do as well as most patriotic. You are sure of a good price and if you sow Marquis and buy your seed of us you are sure of a good yield.

So we want to impress upon our farmer customers everywhere that the thing to do this year is to put in a lot of Marquis wheat and buy your seed of us. We have a large stock of seed and it is splendid. We can give you Montana or North Dakota grown Marquis, the same as we shipped to Will County last spring, (see Mr. Lisher's letter below), or Wisconsin grown Marquis from the Montana seed of last year. The Wisconsin stock is we think a little larger in grain than the Montana. Both stocks are very fine, testing over 99½% purity and over 95 germination, no noxious weeds. Mention the stock you prefer in ordering.

PRICES OF MARQUIS WHEAT FOR 1919.

By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; ½ pk., 45c; pk., 85c; bu., \$3.10; 2 bus. at \$3.00; 10 bus. at \$2.95; 25 bus. or over at \$2.90. Two bushel grain bags extra at 60c, bushel jutes at 25c.

SIXTY BUSHELS PER ACRE IN WILL COUNTY.

Paul R. Lisher, Farm Advisor for Will County, Illinois, writes Sept. 3, 1918: "I am very glad to report to you that from the Marquis spring wheat purchased from you last spring that some of our farmers have secured yields as high as 60 bushels per acre. Every one who has seen or used this wheat has commented upon its quality. Evidently it was the finest seed ever brought into this territory. However, there has been only a small acreage grown here before this year. Yields of 50 bushels per acre are relatively common and practically all the wheat from this seed has yielded 45 bushels per acre or better."

(We shipped four carloads of this wheat into Will County last spring on Mr. Lisher's orders. L. L. O.)



Sheaf of Marquis.

BLUE RIBBON SPRING WHEAT.

The Prize Milling Wheat of the World.



Originated with Mr. H. E. Krueger and as shown by him at the 1909 National Corn Exposition won first prize in the "Milling Contest, Open to the World." This was in competition with all of the Northwest.

Blue Ribbon is a bearded wheat with plump berry and a very short stiff straw. It is an early variety maturing about 10 days earlier than most wheat. A great yielder. Our stock is all Wisconsin grown.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 1/2 pk., 45c; pk., 85c; bu., \$3.10; 2 to 10 bus. at \$3.00; 10 bus. at \$2.95; 25 bus. or over at \$2.90. Grain bags extra at 60c.



Blue Ribbon Wheat.

DURUM WHEAT. (MACARONI.)

It is only a few years since Durum Wheat was first introduced in this country, but it is now a leading variety. It is very productive, yielding as high as 50 bushels per acre; is very hardy, resisting extremes of weather which no other wheat will endure and is earlier than other wheat.

Our stock is North Dakota grown and very fine. Kernels large and plump.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 1/2 pk., 45c; pk., 85c; bu., \$3.10; 2 to 10 bus. at \$3.00; 10 bus. at \$2.95; 25 bus. at \$2.90.

WISCONSIN

PEDIGREE NO. 2.

A new variety of winter wheat developed at the Wisconsin Experiment Station from Turkey Red. This is the wheat so highly recommended by the Wisconsin College of Agriculture. We consider it the very best variety of winter wheat. It is harder than any other and the only variety that did not winter kill in this section a year ago.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 1/2 pk., 50c; pk., 90c; bu., \$3.25; 2 bus. at \$3.15; 10 bus. at \$3.10.

WISCONSIN NO. 18.

A splendid variety of winter wheat put out by the Wisconsin Experiment Station. Prices: 1/2 pk., 45c; pk., 85c; bu., \$3.10; 2 bus. at \$3.00; 10 bus. at \$2.95.

TURKEY RED NO. 42.

Turkey Red is probably the most popular and best known variety of Winter Wheat. It is noted for its hardiness. Our Turkey Red No. 42 was the best from 1,000 individual heads for yield, quality, shape of kernel and stiff straw.

Prices: Same as for Wisconsin No. 18.

OLDS' SPRING RYE.

Spring Rye is entirely distinct from Winter Rye. It can be sown in the spring a little later even than most other spring grain and a crop harvested the same season. There is more and more demand for the seed each year as farmers are finding out the value of this crop and the convenience of being able to sow rye in the spring. Grows a tall strong straw, six feet high and produces 30 to 40 bushels per acre, the same kind of grain as winter rye.

Prices: By mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 1/2 pk., 45c; pk., 85c; bu., \$2.90; 2 bus. at \$2.80; 10 bus. at \$2.75; 25 bus. or over at \$2.70. Bags extra.

WISCONSIN PEDIGREE NO. 1 WINTER RYE.

This wonderful rye is the result of 12 years' careful breeding at the Wisconsin Experiment Station on a strain of Schlansted received from the U. S. Dept. of Agriculture in 1898.

Prices: 1/2 pk., 40c; pk., 75c; bu., \$2.50; 2 to 10 bus. at \$2.40; 10 bus. at \$2.35.

WISCONSIN PEDIGREE NO. 2 WINTER RYE.

Wisconsin Pedigree No. 2 was bred at the Wisconsin Experiment Station in the same careful way as Pedigree No. 1 from seed received at the same time from the U. S. Government. This variety is from the Petkus as a foundation which for years was the most famous winter rye known.

Prices: Same as for Wisconsin Pedigree No. 1.

Wisconsin stands first of all the states in production of rye.

DWARF ESSEX RAPE.

Probably no plant has ever jumped into favor so quickly with farmers everywhere as Dwarf Essex Rape. It is ideal for sheep pasture, and is also now largely sown for hogs and cattle.

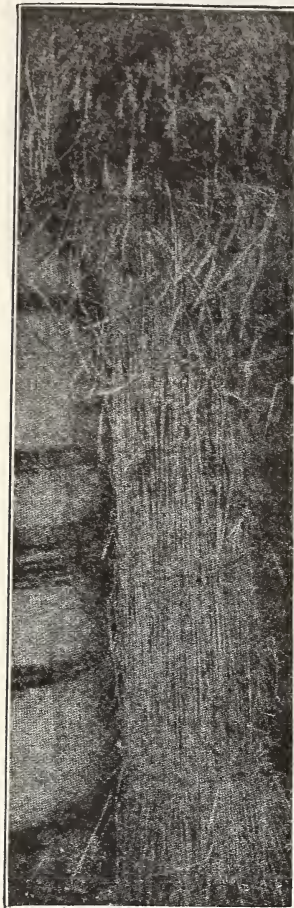
Dwarf Essex Rape furnishes an immense amount of green feed, and its nutritive value is nearly twice that of clover. It may be sown in the following ways:

1. In early spring for sheep and hog pasture, 5 to 10 pounds per acre.
2. With spring grain, 2 pounds per acre to provide sheep pasture after harvest. In this case do not sow the rape until the grain is about up.
3. Alone in June or July, on newly plowed land.
4. With corn just before the last cultivation.
5. With rye, in August or September, for late pasture.

A word about the seed. We buy in car lots and handle only the best and purest Dwarf Essex, entirely free from bird rape, mustard or anything of that sort. The Dwarf Essex is the desirable variety, and the only one recommended.

Prices, by mail: Lb., 25c; 3 lbs., 65c. By freight: Lb., 20c; 5 lbs., 85c; 10 lbs., \$1.65; 25 lbs., \$3.75; 100 lbs., \$14.00; 500 lbs. at \$13.50.

All Field Seed Prices are subject to change after Feb. 1st. Ask for "Weekly Price List" after that date.



Olds' Spring Rye.



Dwarf Essex Rape Makes The Ideal Sheep Pasture.

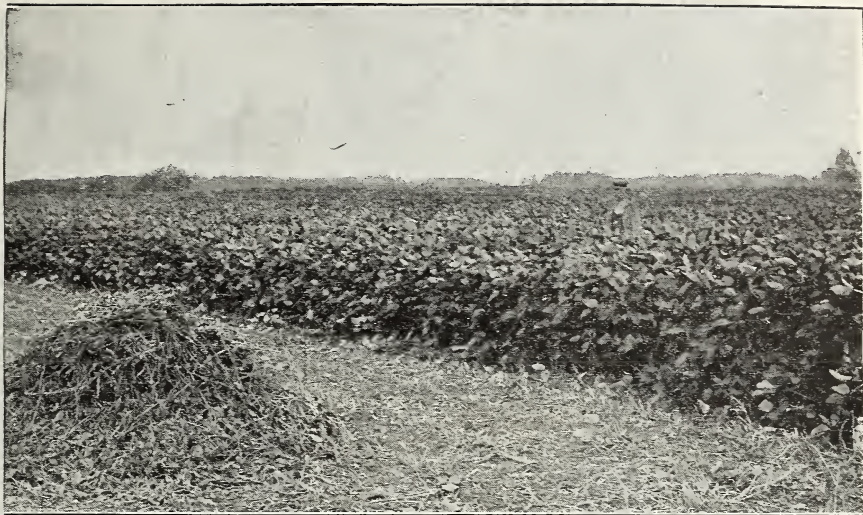
SOY BEANS.

(Great For Silage.)

Soy Beans have a double value. First, they are great for feed, and second, they are nitrogen gatherers and enrich the soil wherever grown.

As a dry bean they are immensely productive. One farmer in Indiana brought in to the county agent a single stalk which had 317 pods on it.

They are being raised with success now in all the northern states as well as in the central and southern states and are especially valuable for sandy soils. Many northern farmers are planting with corn for silage. One peck of seed is required per acre. Do not plant too early. Use inoculation to insure a strong, vigorous growth. See pages 25 and 27.



A Soy Bean Field Being Cut for Hay. About Equal to Alfalfa Hay in Value.

WISCONSIN BLACK. The earliest of all varieties. Will mature dry beans in the North. Our stock is Northern Wisconsin grown and very choice.

Prices, by mail: Pkt., 5c; lb., 30c; 2 lbs., 45c. By freight: 2 lbs., 35c; ½ pk., 85c; pk., \$1.65; bu., (60 lbs.) \$6.00; 100 lbs., \$10.00; 500 lbs. at \$9.75. Bags extra at 60c.

ITO SAN. Produces small yellow beans. Quite early and therefore valuable for the North. Matures in 95 days. Our stock is Ohio grown.

Prices for Ito San and all of the following varieties, by mail: Pkt., 5c; lb., 25c; 2 lbs., 40c. By freight: 2 lbs., 30c; ½ pk., 80c; pk., \$1.50; bu., \$5.40; 100 lbs., \$9.00; 500 lbs. at \$8.75. Bags extra.

ELTON. A week later than Ito San and more productive. The average yield for five years at the Ohio Experiment Station was 5.3 bushels per acre more than Ito San. Our stock is Ohio grown.

MEDIUM YELLOW. Similar to Ito San but grows a little larger and matures five days later. Our stock is Illinois grown.

EARLY BLACK. Yields a third more than Ito San. Makes a larger and taller growth. Very valuable for silage. Illinois grown.

MAMMOTH YELLOW. Grown considerably in Wisconsin last year with very satisfactory results. It will not mature seed in the North but is great for silage because much larger than any other variety. Ohio stock.

COW PEAS.

Green crops plowed under are one of the best and cheapest ways of improving the soil. For this purpose Cow Peas are excellent. They are also fine for hay and silage. Sow broadcast after corn planting 1½ bushels per acre. If sown too early seed will rot. Inoculate before sowing. See pages 25 and 27.

WHIPPOORWILL. Standard variety.

Prices: ½ pk., 65c; pk., \$1.20; bu., (60 lbs.), \$4.20; 100 lbs., \$7.00; 500 lbs. at \$6.85.

NEW ERA. Earlier than Whippoorwill.

Prices: Same as for Whippoorwill.

WHITE NAVY BEANS.

Prices, by mail: Pkt., 5c; lb., 30c; 2 lbs., 50c. By freight: 2 lbs., 40c; ½ pk., \$1.10; pk., \$2.00; bu., \$7.20; 100 lbs., \$12.00; 500 lbs. at \$11.75. Bags extra.

WHITE TEPARY BEANS.

A most valuable dry weather crop. Largely grown now in the Southwest and does well also in the North. Ripens 2 or 3 weeks earlier than Navy. Prices, same as for Navy.

RED KIDNEY. A large handsome red bean. Prices, same as Navy.

SWEDISH BROWN. Great yielder. Prices, same as Navy.

OLDS' FANCY WISCONSIN FIELD PEAS.

WHITE CANADA. The best known variety. Should be sown more largely. Makes splendid hay. Sow 1½ to 2 bus. per acre broadcast with oats. Prices: By mail: Lb., 25c; 2 lbs., 35c. By freight: 2 lbs., 25c; ½ pk., 65c; pk., \$1.20; bu. (60 lbs.), \$4.20; 100 lbs., \$7.00; 500 lbs. at \$6.85. Our stock is very fancy Wisconsin grown.

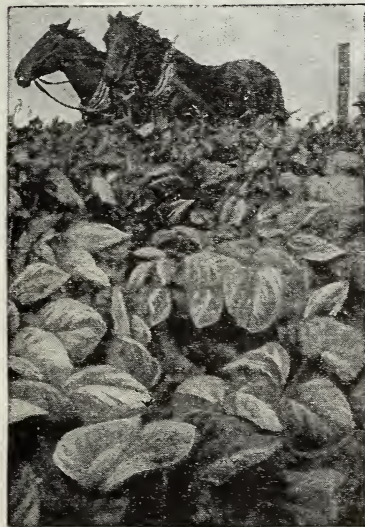
WHITE MARROWFAT. Vines large with well-filled pods of large peas. Prices: ½ pk., 80c; pk., \$1.50; bu., \$5.40; 100 lbs., \$9.00; 500 lbs. at \$8.85.

SCOTCH BEAUTY. A blue pea of fine quality. Prices, same as White Marrowfat.

WINTER or HAIRY VETCH.

A most valuable leguminous plant fast coming into prominence in the North. Brings an immense amount of fertility to the soil, as well as making splendid pasture. Remains green all winter. Sow in either fall or spring, 20 to 30 pounds per acre with a half bushel of rye or oats for support.

Prices, by mail: Pkt., 5c; lb., 40c. By freight: Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75; 100 lbs., \$22.00; 500 lbs. at \$21.50.



Cow Peas, Sown June 16, Plowed Under Aug. 31.



Winter Vetch.

EARLY AMBER CANE.

Farmers all over Wisconsin as well as in other northern states are raising sorghum more and more. Sorghum mills have sprung up everywhere. An acre or two planted to Early Amber Cane makes a fine lot of syrup and helps out the sugar question very satisfactorily. Plant in rows and cultivate the same as corn, using northern grown seed. 5 pounds will plant an acre. We have plenty of pure Early Amber seed this year, fire dried and grown in Wisconsin and Minnesota. Last year northern seed was scarce.

Early Amber Cane is also great for feed as well as syrup. The southern grown seed is better for that purpose as it makes a larger growth. May be sown broadcast or with drill, 40 to 50 pounds per acre.

Prices, Northern Grown, by mail: Lb., 35c; 3 lbs., 75c. By freight: Lb., 30c; 5 lbs., \$1.00; 10 lbs., \$1.50; 100 lbs., \$10.00.

Southern Grown, by freight: Lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$6.50.

EARLY ORANGE CANE.

A week later than Early Amber. Taller and more productive. Prices, same as for Southern Amber.



Early Amber Cane.

WHITE KAFFIR CORN.

Makes the best kind of fodder for cattle or horses, and is easily grown. The seed is splendid for poultry.

Sow in rows 2½ to 3½ feet apart and cultivate the same as corn. Five to ten lbs. will seed an acre in rows, or ½ bu. broadcast.

Prices: By mail: Lb., 25c. By freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$5.25.

SUDAN GRASS. (The Great New Hay Crop.)

Of the new things Sudan Grass seems to be attracting more attention than anything else. It was first introduced into the United States in 1909 from Sudan. Tests were made in all parts of the United States. As a result of the tests the Department of Agriculture recommended Sudan Grass as of the greatest value in the western and southwestern states where the rainfall is deficient. The Department also stated that it would make just as good yields in most of the central and northern states, and would grow nearly everywhere. This prediction was fully justified as another year's experience proves it will do well most anywhere.

Sudan Grass is strictly an annual and dies each year like Millet. It belongs to the sorghum family. Is best sown broadcast or with a drill when it can be cut with a mower and treated like any other hay. It grows 3 to 5 feet high. Produces twice as much hay per acre as any of the common forage plants. Sow about corn planting time after the ground becomes warm. 10 to 15 pounds will seed an acre.

Prices, by mail: Pkt., 5c; lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 5 lbs., \$1.35; 10 lbs., \$2.50; 100 lbs., \$20.00.

FETERITA.

The New Drouth-Resistant Plant.

Feterita is just a recent introduction and it has already made a great name for itself in the drouth-stricken southwest country. It is 25 days earlier than Kafir Corn, outyields Kafir by far and is little affected by drouth.

The government experts say: "Experiments so far indicate that its earliness, its rather low water requirements, its satisfactory yields, and the ease with which it may be harvested, give it a real place among the sorghums, either for grain or combined grain and forage purposes."

Prices, by mail: Lb., 25c. By freight: Lb., 20c; 5 lbs., 45c; 10 lbs., 85c; 100 lbs., \$6.00.

YELLOW MILO MAIZE.

A variety of sorghum, fine for dry weather. Grows very large, 8 to 10 feet high, with seed heads of great size, often weighing ¾ of a pound each. Plant same as Kafir Corn.

Prices: By mail: Lb., 20c. By freight: Lb., 15c; 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$5.25.

BROOM CORN.

There is money in broom corn. It is easily grown and does well wherever corn is grown. Plant in rows 3 to 3½ feet apart, the seeds 2 to 3 inches apart in the row, and cultivate the same as corn. 10 pounds will seed an acre.

Standard Evergreen. Most popular variety in the northern states.

Dwarf Evergreen. Largely grown in the south. Very early.

Prices, either variety, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 50c; 10 lbs., 90c; 100 lbs., \$7.25.

Everything on this page shipped in heavy 100 lb. jute sacks which are extra at 35c each. One bushel jutes at 25c.



Sudan Grass.



Feterita, the Great Drouth-Resister.



WHITE WONDER MILLET

WHITE WONDER MILLET.

A Russian soldier, serving in the Russo-Japanese War, discovered this wonderful millet in China. He put a little of the seed in his knap-sack and when the war was over he came to the United States bringing his precious packet of seed with him.

White Wonder Millet has been raised in western Kansas for several years and it is just as hardy and vigorous as other millets. The most striking feature of White Wonder Millet is the size of the heads. The heads will run from eight up to eighteen inches and a single head will have as many as 15,000 seeds.

The yield of White Wonder Millet is extremely heavy, being fully half again as much as that of Golden Millet. Some growers of White Wonder Millet claim that it will outyield other millets three to one.

Another very desirable feature of White Wonder Millet is its earliness. This variety is much earlier than Golden Millet but not quite as early as Siberian.

The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder.

We believe that on account of the earliness the immense yield of both grain and fodder, and the very vigorous growth which leaves the ground clean, White Wonder Millet will soon take first place among the millets. The seed we offer is beautiful seed, the prettiest millet we ever saw.

Prices, by mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; 5 lbs., 60c; 10 lbs., \$1.00; 100 lbs., \$8.00; 500 lbs. at \$7.85.

JAPANESE MILLET.

(BILLION DOLLAR GRASS.)

Japanese Millet is one of the most remarkable forage plants we have; remarkable for its marvelous, luxuriant growth, often growing six feet tall; remarkable for the immense amount of hay it produces from each acre, and remarkable for its feeding value. It is adapted to all sections; does especially well on low ground; makes more hay than Golden or any other kind of millet, and requires less seed per acre; produces a crop in a very short time, is relished as hay by stock of all kinds, or, if allowed to ripen, will yield about as many bushels of seed per acre as oats. The seed can be used for feed, and is specially fine for poultry.

Sow in May for best results, 15 to 20 pounds per acre. If desired for hay, cut just before it heads out. Or it can be left to ripen and then threshed the same as timothy. Our halftone illustration, showing heads of Japanese Millet over six inches long, as picked from the field of one of our growers, gives some idea of the immense seed production—a handful of seed from every head.

Prices: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$6.00; 500 lbs. at \$5.85.

(One pound, any variety of millet except White Wonder, by mail, 20c; 3 lbs., 50c. By freight: Lb., 15c; 5 lbs., 40c.)

MAMMOTH RUSSIAN SUNFLOWER.

A great food for poultry and hogs. Our stock is very fine American grown seed.

Prices, by mail: Pkt., 5c; lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 5 lbs., 80c; 10 lbs., \$1.35; 100 lbs., \$10.50.

Note. All Field Seed prices may be changed after February first. Ask for "Weekly Price List." Bags are extra for all Millets in lots over 10 pounds at 60c each. Samples free.



GOLDEN MILLET. (Formerly German)

The most popular of all millets. Grows larger than Common Millet, and is more productive. Sow $\frac{1}{2}$ bushel to 3 pecks per acre. The millet crop was short again the past season.

At this writing, January first, we have two stocks to offer; one stock a very fancy lot of Kansas grown seed known as Hybridized Golden Millet. This is really a cross of Golden and Common and claimed to be better than either. It looks just like the best Golden Millet. Our other stock is Wisconsin grown regular Golden from southern seed. This stock is nice but not as bright in appearance as the Hybridized.

Prices, Hybridized Golden: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$6.00; 500 lbs. at \$5.85. Bags extra at 60c.

Wisconsin Golden: 5 lbs., 35c; 10 lbs., 60c; 100 lbs., \$5.50; 500 lbs. at \$5.35.

COMMON MILLET. A little earlier than Golden Millet. Seed white instead of yellow. Our stock is Colorado grown and very fancy.

Prices: 5 lbs., 40c; 10 lbs., 60c; 100 lbs., \$5.00; 500 lbs. at \$4.85.

SIBERIAN MILLET. Hardier and earlier than Golden Millet. Crop short the past season.

Prices: 5 lbs., 40c; 10 lbs., 75c; 100 lbs., \$6.00; 500 lbs. at \$5.85.

HOG OR BROOM CORN MILLET. Also called Dakota Millet. Makes inferior hay, unless cut very young, but yields enormous quantities of large plump seed, as high as 60 or 70 bushels per acre. This seed is fine for poultry, hogs and other stock.

Prices: 5 lbs., 40c; 10 lbs., 60c; 100 lbs., \$4.75; 500 lbs. at \$4.60.



Japanese Millet.

OLDS' CLOVERS AND GRASSES



Field of Medium Red Clover in Full Bloom.

OLDS' CLOVER SEED.



High grade, re-cleaned Clover Seed is one of our specialties.

The clover seed crop the past season was very short everywhere and practically no seed was carried over. Prices are the highest ever known. However, conditions seem to justify these prices and we do not see any prospect of lower prices. In fact, we believe prices will be higher instead of lower.

We are fortunate in having a large stock of splendid seed to start in with, as we bought quite heavily early in the fall. We use the utmost care in buying to steer clear of seed containing buckhorn and dodder. These two noxious weeds are very common in clover and cannot be cleaned out. Right here we want to warn our customers against buying clover seed that has not been tested. Fortunately for the farmers we have a very stringent seed law here in Wisconsin. All field seeds must be tested for both purity and germination and the tags must show the tests. If any noxious weeds are present that must be shown.

Do not buy cheap untested clover seed. It is the worst kind of folly. You can do untold damage to your farm in a single season. As we write this catalog our State Seed Inspector is warning the farmers of Wisconsin against cheap, trashy, contaminated clover seed that is just now being shipped into the state by Iowa and Illinois dealers. Buy Olds' tested re-cleaned seed and know what you are getting.

MEDIUM OR RED CLOVER.

Prices, by mail: Superb Brand: Lb., 65c; 3 lbs., \$1.80. By freight: Lb., 60c; 5 lbs., \$2.75; peck, \$7.10; bu. (60 lbs.), \$27.60; 100 lbs., \$46.00; 500 lbs. at \$45.50. Bags extra at 60c.
Old Gold Brand: Peck, \$6.95; bu., \$27.00; 100 lbs., \$45.00; 500 lbs. at \$44.50.
Choice Brand: Peck, \$6.80; bu., \$26.40; 100 lbs., \$44.00; 500 lbs. at \$43.50.

MAMMOTH CLOVER.

Resembles Medium but larger and coarser. Best for pasture and fertilizer. Prices, Superb Brand, Old Gold Brand and Choice Brand, same as Medium.

ALSIKE CLOVER.

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Also fine for pasture. The only clover that will not kill out on wet land. Prices, by mail: Superb Brand: Lb., 55c; 3 lbs., \$1.50. By freight: Lb., 50c; 5 lbs., \$2.00; peck, \$5.60; bu. (60 lbs.), \$21.80; 100 lbs., \$36.00; 500 lbs. at \$35.50.
Old Gold Brand: Peck, \$5.40; bu., \$21.00; 100 lbs., \$35.00; 500 lbs., at \$34.50.
Choice Brand: Peck, \$5.15; bu., \$19.80; 100 lbs., \$33.00; 500 lbs. at \$32.50.

OLDS' CLOVER MIXTURE.

A mixture of Medium, Mammoth and Alsike Clovers in the best proportion for a permanent stand. We recommend this for sowing with our Permanent Grass Mixture. Prices, by mail: Lb., 55c; 3 lbs., \$1.50. By freight: Lb., 50c; pk., \$6.45; bu. (60 lbs.), \$25.20; 100 lbs., \$42.00; 500 lbs. at \$41.50.

WHITE DUTCH CLOVER. Desirable for pasture mixtures. Also fine for lawns. Prices, Fancy Wisconsin, by mail: Lb., 65c; 3 lbs., \$1.75. By freight: Lb., 60c; 5 lbs., \$2.75; pk., \$8.00; bu. (60 lbs.), \$30.00; 100 lbs., \$50.00.
Choice Wisconsin: Pk., \$7.25; bu., \$27.00; 100 lbs., \$45.00.



Alsike,

Note: Prices are good until Feb. 1st. Ask for "Weekly Price List" after that date. Samples giving purity and germination tests, free on request. Bags extra at 60c.



107 Acres Alfalfa on Farm of Swartz Bros., Waukesha County, Wis., That Yielded 535 Tons of Splendid Hay, Valued at \$20.00 per Ton, or \$100.00 per Acre.

OLDS' FANCY ALFALFA SEED.



Alfalfa is by far the most valuable new plant today for the farmers of the northwestern states. Think of it! Alfalfa yields a crop of hay worth \$100.00 per acre and in addition to that, according to the U. S. Dept. of Agriculture, "adds \$100.00 to the value of every acre."

The Seed. Alfalfa seed is a specialty with us and we sell several carloads every season. We secure it from different localities but do not handle any inferior seed. In fact we handle only the best. Crop was short, especially of the best grades of seed and the supply of really nice seed will not be large enough to meet the demand. There was an unusually large percentage of shrunken, damaged seed. Look out for poor seed. "The best is the cheapest."

Insist on knowing where the seed grew before you buy. If you buy of a Wisconsin dealer he will have to give you that information as the Wisconsin seed law requires it. Insist also on knowing what it tests both for purity and germination. Our seed all shows high test. If it does not germinate as well as we think it ought to we scarpify it and that brings up the test wonderfully. Buy from samples showing tests. Sow 10 to 20 pounds per acre.

PRICES OF OLDS' FANCY ALFALFA SEED.

Fancy Montana. Dry land, bright seed: Peck, \$4.15; bu. (60 lbs.), \$15.60; 100 lbs., \$26.00; 500 lbs. at \$25.50.
 Fancy Idaho. Pure bright high testing seed: Peck, \$3.80; bu., \$14.40; 100 lbs., \$24.00; 500 lbs. at \$23.50.
 Fancy South Dakota. Dry land Black Hills seed: Peck, \$3.80; bu., \$14.40; 100 lbs., \$24.00; 500 lbs. at \$23.50.
 Fancy Nebraska. Very desirable seed: Peck, \$3.50; bu., \$13.20; 100 lbs., \$22.00; 500 lbs. at \$21.50.
 Fancy Kansas. Beautiful pure seed: Peck, \$3.50; bu., \$13.20; 100 lbs., \$22.00; 500 lbs. at \$21.50.
 Choice Colorado. Good seed at a low price: Pk., \$3.00; bu., \$11.40; 100 lbs., \$19.00; 500 lbs. at \$18.50.
 Our Kansas and Nebraska grown seed is fine for purity and germination and according to experiments by the Wisconsin Agricultural Station is just as hardy for Wisconsin as Northern grown seed, while the prices are much less.
 Any of the above—By mail: Lb., 40c; 3 lbs., \$1.05. By freight: Lb., 35c; 3 lbs., 90c; 5 lbs., \$1.40.
 Alfalfa prices are good for January only. Ask for "Weekly Price List" after Feb. 1st. Also ask for samples, showing purity and germination tests. Bags are extra at 60 cents each.

Note the two books on Alfalfa Culture that we offer on the next page. Note also what we have to say about using lime to insure success with alfalfa. Two-thirds of all the soil in Wisconsin is acid soil. Lime only will correct this. We have arranged to secure the lime for you and tell you how to apply it. Any farmer can use it.

STANDARD INOCULATION.

INOCULATE YOUR SEED FOR 50 CENTS PER ACRE AND MAKE SURE OF A CROP.

Alfalfa can be successfully grown on some part of almost every farm in the country by using good seed, thoroughly inoculated just before sowing. Alfalfa does not succeed without the alfalfa bacteria. Transfer of soil for inoculation is usually effective but is troublesome and expensive. Furthermore, it allows the spreading of weeds, also crop and soil diseases.

We are glad to be able to again offer Standard Seed Inoculation at only 50c per acre and guaranteed to produce results equal to any inoculation on the market. Seed for ten acres can be thoroughly inoculated in ten minutes.

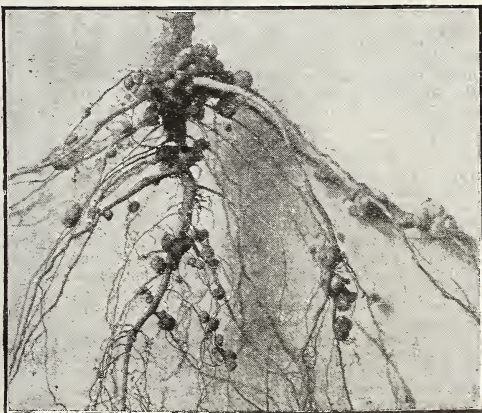
This is the sixth season we have catalogued Standard Inoculation with the standing offer to refund after one year's time money paid us for inoculation if the results were not entirely satisfactory. We have never been asked to make any refund.

Standard Inoculation is prepared for over 30 legume crops in 5 acre and 1 acre sizes. We have combination cultures as below for the principal legume crops. Mention the crop you want it for or order by number.

- No. 2, for Red, Crimson, Alsike, Mammoth and White Clovers.
- No. 4, for Alfalfa and Sweet Clover.
- No. 6, for Vetch and Canada Field Peas.
- No. 8, for Soy Beans and Cow Peas.
- No. 10, for Garden Peas, Beans and Sweet Peas.

Prices for all Standard Inoculation: 1 acre size, 50c. By mail, 55c. 5 acre size, \$2.50. By mail, \$2.65.

8-Page Circular, "Grow Better Crops and Insure Your Land," Free on Request.



Nodules produced with Standard Inoculation.

GRIMM ALFALFA. (The Alfalfa for Northern Latitudes.)

Genuine Grimm Withstood the Severe Winter of 1917-18 When Nearly Everything Else Winter Killed.

The Variety of Alfalfa known as Grimm is the hardiest of all varieties and best adapted to the Northwest.

History. The seed of this variety was brought to Minnesota from Germany in 1857, by a German farmer named Grimm. Prof. W. M. Hays, while at the Minnesota Experiment Station about 1890 found Mr. Grimm growing this alfalfa and at once began calling attention to its hardiness and adaptability to Minnesota conditions. At one time Prof. Hays had advised farmers that it was not worth while to attempt growing alfalfa in the Northwest. Mr. Grimm had never heard of this advice and in his 25 years' experience with alfalfa had not discovered that it was not adapted to Minnesota conditions.

Characteristics. Grimm Alfalfa may be distinguished from common alfalfa:

First, By the fact that the blossoms are variegated in color, yellow, green, blue, brown, etc., instead of all purple.

Second, By its branching root system instead of the long straight tap root of the common alfalfa. This enables it to withstand the hard winters, the tap root of the common alfalfa often being broken by heavy freezing.

Third, By its stronger growth and larger top and more spreading top.

Prof. Graeber, Alfalfa expert at the Wisconsin Station, is very enthusiastic over Grimm seed and seems to think that within a few years farmers of Wisconsin and other northern states will sow nothing else. He says the farmers who had the genuine Grimm had no winter killing to speak of during the severe winter of a year ago. He says many had so-called Grimm which was not genuine Grimm and that killed out the same as common alfalfa.

Our Grimm Seed is the Genuine. Most of the seed we offer is from Mr. J. C. Parkin, a large farmer in the Black Hills of western South Dakota. He has furnished us a carload of Grimm seed, all of his own growing. We have his affidavit as to the genuineness of the seed and have also looked up his responsibility and satisfied ourselves as to his honesty and integrity. Mr. Parkin writes:

"Of all crops with which I have had experience alfalfa, at least the Grimm variety, to which my experience has been confined, is in a class by itself as a crop capable of making a luxuriant growth during long periods of drought on moisture stored in the soil. In the year of 1917 with less than an inch of rainfall after the fifteenth of May I grew sixty-five acres of alfalfa that produced one ton of hay per acre the first crop and three bushels of seed the second crop. In the same season I had thirty acres the first crop of which was left for seed that produced 8½ bushels of seed per acre. While this was my banner year the yield would have been as good other seasons had it not been for hail. "One need have no fear of the Grimm alfalfa winterkilling. In the eight years that I have been growing it none has winterkilled."

We advise every farmer in the North to sow Grimm seed. Owing to the fact that it makes such a strong growth and stools out so much 10 or 12 pounds of seed are sufficient for an acre whereas 15 to 20 pounds of common alfalfa seed is required.

PRICES OF GRIMM ALFALFA.

By mail: Pkt., 10c; ¼ lb., 20c; lb., 65c; 3 lbs., \$1.85. By freight: Lb., 60c; 5 lbs., \$2.50; pk., \$6.25; bu., (60 lbs.), \$24.00; 100 lbs., \$40.00; 500 lbs. at \$39.50. Bags extra.

MONTANA VARIEGATED ALFALFA. We have a limited stock of very fancy dry land Montana grown alfalfa that produces variegated blossoms the same as Grimm.

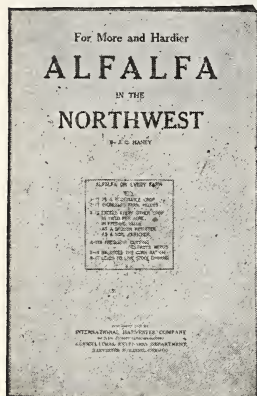
Prices: 5 lbs., \$2.00; pk., \$5.00; bu., \$19.20; 100 lbs., \$32.00; 500 lbs. at \$31.50.

Note—"ALFALFA IN THE NORTHWEST," a 36-Page Illustrated Book, discussing varieties adapted to northern sections, general value of alfalfa, preparation of seed bed, etc. Free Postpaid to Our Customers on Request.

"Alfalfa in the Corn Belt," a 12-Page Book by Prof. Holden, also Free for the Asking.



An Alfalfa Variety Test in Northern Minnesota. "Each Pile Represents two Representative Square Rods. Grimm: Yield Per Acre, green weight 11552 pounds. Common: Yield Per Acre, green weight, 3232 pounds. The Grimm stand is perfect while the Common is thin. The Grimm Plants are also much Growthier."—Hoard's Dairyman.



QUALITY LIMESTONE.

If you have tried to grow alfalfa and failed, perhaps the trouble was not with the seed at all, or with your method of sowing, but with the soil. They tell us at the Wisconsin College of Agriculture that "Two-thirds of the soils of Wisconsin are acid." That means that such land will not grow alfalfa satisfactorily. The cure is to sow lime on the land.

We have arranged with the manufacturers to supply "Quality Limestone" and have it shipped direct to our customers.

The price is only \$1.45 per ton on cars at Waukesha, Wisconsin in car lots. A car is 50 tons. The freight rate is very low. In general about 3 tons of lime per acre are required for best results so that an average farmer could very easily use one car or two or three farmers can combine and order a car together. The lime is very easily applied with a manure spreader.

Soil Tested Free. If you are uncertain about whether your soil is acid or not send us a sample, a quarter pound is sufficient, taken near the surface, and we will have it tested for you free of charge.



By Courtesy of the Wisconsin College of Agriculture.

SWEET CLOVER. (The Great Fertilizer and Hay Crop.)

Sweet Clover is all the rage. It is more popular than ever and is getting to be a standard crop nearly everywhere. "No longer a despised weed."

A few of the reasons why sweet clover is valuable:

1. It grows readily on most all soils and locations. In fact it grows on poor soils where nothing else will grow. Every farmer who has some waste land should certainly sow some.

2. It has the same sort of bacteria laden nodules as alfalfa and inoculates a farm for that crop.

3. Sweet Clover brings land up rapidly and fits it not only for alfalfa but for crops of all kinds. Those who have grown corn after both sweet clover and alfalfa say that the sweet clover brings more fertility than the alfalfa. As a soil renovator it has no equal.

4. It can be pastured while alfalfa cannot.



This Field of Sweet Clover Yielded 5 Tons of Hay per Acre in One Cutting.

5. Cattle and hogs both very soon acquire a taste for sweet clover and thrive on it. All stock relish it when once taught to eat it.

6. It makes a profitable hay crop if cut early before it gets too large, while the second crop may be harvested for seed.

7. Eight to twelve bushels of seed can easily be hulled from an acre and the seed is in demand at high prices.

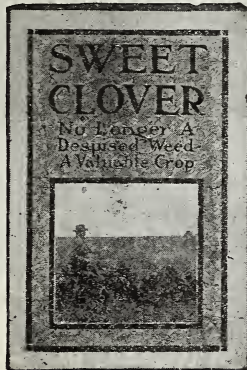
Sow 15 to 20 pounds of seed per acre either spring or fall but preferably in spring. The white blossomed variety is the most valuable. Hulled seed is preferable to unhulled as it germinates more readily. Scarifying the seed also makes it germinate better. We have a machine for scarifying and use it on all our seed before sending out. The seed should be inoculated for best results. See below, also page 25.

Prices: Hulled Seed, Scarified, White Blossom. By mail: Lb., 40c; 3 lbs., \$1.10. Freight: Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$28.00; 500 lbs. at \$27.50.

Bags are extra at 60 cents each. Ask for "Weekly Price List" after February 1st. Also ask for samples giving official tests.

"SWEET CLOVER, No Longer a Despised Weed—A Valuable Crop."

A very attractive and very valuable 64-page book by Prof. Holden and others. Explains fully the agricultural value of Sweet Clover, gives the experiences of practical farmers who are growing and feeding it and tells all about the culture of the crop. Every progressive farmer should have a copy. We furnish it free to all our customers who are interested in the subject of Sweet Clover.



The Improved Soil Inoculator, Nobbe-Hiltner Process



"Nitragin" is shipped to you by mail or express in a ventilated can in a granular medium, in which the germs will live for a long time.

Nitragin is the original Pure Culture, discovered by Nobbe and Hiltner, famous bacteriologists. It has been perfected by 20 years of scientific testing, in the laboratory and on the farm. Has been widely advertised during all this time and is well known.

Its use means a good catch and a good stand of clover, alfalfa, cow peas, soy beans, peas, beans, vetch, sweet peas, and all other legumes. Inoculated with NITRAGIN they take nitrogen, the most expensive of fertilizers, from the air and store it in the soil for future use.

Remember, all leguminous crops should be treated with either Nitragin or Standard Inoculation.

Nitragin is prepared for the different leguminous crops in different sizes as follows. Mention the one you want.

Culture A, for Alfalfa and Sweet Clover.
Culture B, for Red, Mammoth, Alsike, Crimson and White Clover.

Culture C, for Vetch, Field Peas and Garden Peas.

Culture D, for Field Beans and Garden Beans.

Special Soy Bean Culture, for Soy Beans.

Special Cow Pea Culture, for Cow Peas.

Special Sweet Pea Culture, for Sweet Peas.

PRICES OF ALL NITRAGIN CULTURES FOR 1919.

Garden Size (For Peas, Beans and Sweet Peas only) 30c; by mail, 35c. 1/2 Acre Size, 50c; by mail, 55c. 1 Acre Size, \$1.00; by mail, \$1.05. 2 Acre Size, \$1.80; by mail, \$1.90. 5 Acre Size, \$4.00; by mail, \$4.15. 10 Acre Size, \$7.50; by mail, \$7.75.

"Legume Growing and Soil Improvement," a 16-page book, free on request.



OLDS' HIGH GRADE TIMOTHY.



TIMOTHY SEED is one of our specialties. We are buying and cleaning all the time and we are in position to furnish pure clean seed at the lowest possible prices.

The prices named here are subject to change. They may be higher. Our **Old Gold Brand** represents the best, **Choice Brand** the next best. The **Choice** may test just as well as the **Old Gold** but not be as bright in appearance. Ask for samples giving exact official tests.

Prices, **Old Gold Brand**: By mail: Lb., 25c; 3 lbs., 70c. By freight: Lb., 20c; 5 lbs., 80c; pk., \$1.60; bu. (45 lbs.), \$6.10; 100 lbs., \$13.50; 500 lbs. at \$13.25. Bags extra.

Choice Brand: Bu., \$5.85; 100 lbs., \$13.00; 500 lbs. at \$12.75.

TIMOTHY AND ALSIKE MIXED. (1-5 Alsike) Pk., \$1.75; bu., (45 lbs.), \$8.10; 100 lbs., \$18.00; 500 lbs. at \$17.75.

BROME GRASS.

(*BROMUS INERMIS*.)

Yields enormous quantities of hay and makes abundant pasture. It defies drouth, and is not affected by frost. Splendid for a permanent grass. Sow 20 pounds per acre early in spring. Our seed is very choice, absolutely free of quack.

By mail: Lb., 40c; 3 lbs., \$1.15. By freight: Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.85; 100 lbs., \$26.50; 500 lbs., at \$26.00.

ORCHARD GRASS. Withstands drouth, will grow in the shade, and does well on poor land.

By mail: Lb., 45c; 3 lbs., \$1.25. By freight: Lb., 40c; 10 lbs., \$3.15; bu., (14 lbs.), \$4.25; 100 lbs., \$30.00; 500 lbs., at \$29.50.



Olds' High Grade Timothy.



ORCHARD GRASS.



(*Bromus Inermis*)

KENTUCKY BLUE GRASS (Fancy). Also known as June Grass. Well suited for pasture, and the standard lawn grass. By mail: Lb., 40c; 3 lbs., \$1.10. By freight: Lb., 35c; bu. (14 lbs.), \$3.75; 100 lbs., \$26.00.

CANADIAN BLUE GRASS. Desirable for pasture mixtures but too coarse for lawns. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$1.65; 100 lbs., \$14.50.

RED TOP. The most valuable general purpose grass we have. A good meadow grass, one of the best for pasture and splendid for lawns.

Fancy Solid Seed. (Recleaned, free from chaff.) By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$1.85; 100 lbs., \$16.50.

Unhulled Seed. By freight: Bu., (14 lbs.), \$1.50; 100 lbs., \$9.00.

ENGLISH or PERENNIAL RYE GRASS. The Timothy of England. Does well also in this country. Good for both pastures and meadows. Succeeds well in the shade. By mail: Lb., 35c; 3 lbs., 95c. By freight: Lb., 30c; 10 lbs., \$2.00; 100 lbs., \$18.50.

ITALIAN RYE GRASS. Similar to the preceding, but larger and stronger in growth. By mail: Lb., 35c; 3 lbs., 95c. By freight: Lb., 30c; 10 lbs., \$2.10; 100 lbs., \$19.50.

PACEY'S RYE GRASS. Similar to English Rye Grass, but smaller and more dwarf. By mail: Lb., 35c; 3 lbs., 95c. By freight: Lb., 30c; 10 lbs., \$2.10; 100 lbs., \$19.50.

MEADOW FESCUE. (English Blue Grass.) By mail: Lb., 35c; 3 lbs., \$1.00. By freight: Lb., 30c; 10 lbs., \$2.25; 100 lbs., \$20.00.



Red Top.



Olds' Meadow Mixture.

OLDS' MEADOW MIXTURE.

For a permanent stand of grass to be cut for hay. It consists of the same grasses as used in our Pasture Mixture, but in different proportions, the Blue Grass being left out.

By freight: Lb., 30c; 10 lbs., \$2.10; 100 lbs., \$19.50; 500 lbs. at \$19.00.



OLDS' PASTURE MIXTURE. Olds' Pasture Mixture is made up of the best grades of Orchard Grass, Red Top, Timothy, Meadow Fescue, Blue Grass, and others.

By freight: Lb., 30c; 10 lbs., \$2.15; 100 lbs., \$20.00; 500 lbs. at \$19.50.





View of Wisconsin's New \$7,000,000.00 Capitol and the Capital Park.

OLDS' LAWN GRASS.

We have made a study of high grade lawn grass and offer four very fine mixtures varying in price according to the amount of highest priced seed used. None of them contain Timothy and none are cheap mixtures. Our customers do not want the sort of worthless stuff that is offered in packages at many of the stores throughout the country.

CULTURE:—Sow Lawn Grass at the rate of one pound for each 300 square feet, or not less than 100 pounds per acre. Early spring is the best time for sowing although lawn grass may be sown most any time when the ground can be worked. Have the soil thoroughly prepared. Use pulverized sheep manure, Standard Fertilizer or Bone Meal. Every lawn, new or old, needs fertilizer. See page 92.

OLDS' CAPITAL LAWN GRASS.

Everyone who visits Madison in the summer time is filled with admiration not only for the beautiful and magnificent building that Wisconsin citizens are all proud of but for the rich, even green of the capital lawn. Olds' Capital Lawn Grass is made up of substantially the same grasses and the same grade of seed that was used to make this beautiful lawn. It is composed of solid heavy seed of the highest germination. We recommend it as satisfactory for all ordinary locations where proper care is taken in making the lawn and where a thick, luxuriant growth is desired that will be uniform in appearance. We are sure that everyone who sees the grass surrounding Wisconsin's beautiful Capitol will say "That is certainly good enough for me."

By mail: Lb., 40c; 3 lbs., \$1.15. By freight: Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$28.00.

OLDS' MADISON PARKS LAWN GRASS.

Olds' Madison Parks Lawn Grass is a very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Creeping Bent, Fancy Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportions. It is nearly all solid seed, heavy and expensive. The seeding in Tenney Park, Brittingham Park and Vilas Park here in Madison is all from this mixture and most of the new private lawns in Madison are from this seed.

By mail: Lb., 40c; 3 lbs., \$1.15. By freight: Lb., 35c; 5 lbs., \$1.60; 10 lbs., \$3.00; 100 lbs., \$28.00.

OLDS' SHADY PLACE LAWN GRASS.

We have prepared this mixture very carefully for sowing under large trees and in other deeply shaded places where ordinary grasses do not succeed well. It is made up largely of rare and high-priced grasses such as Slender Fescue, Crested Dogtail, Rough Stalked Meadow, etc.

By mail: Lb., 45c; 3 lbs., \$1.30. By freight: Lb., 40c; 5 lbs., \$1.85; 10 lbs., \$3.50; 100 lbs., \$33.00

OLDS' UNIVERSITY LAWN GRASS.

This is a high grade lawn grass made up of nearly the same high-priced grasses as those used in our Madison Parks Lawn Grass with the addition of Pacey's Rye Grass. Creeping Bent, the famous golf-link grass, is largely used in University Lawn Grass. We recommend University Lawn Grass as a complete grass for a permanent lawn, and as the best for golf links.

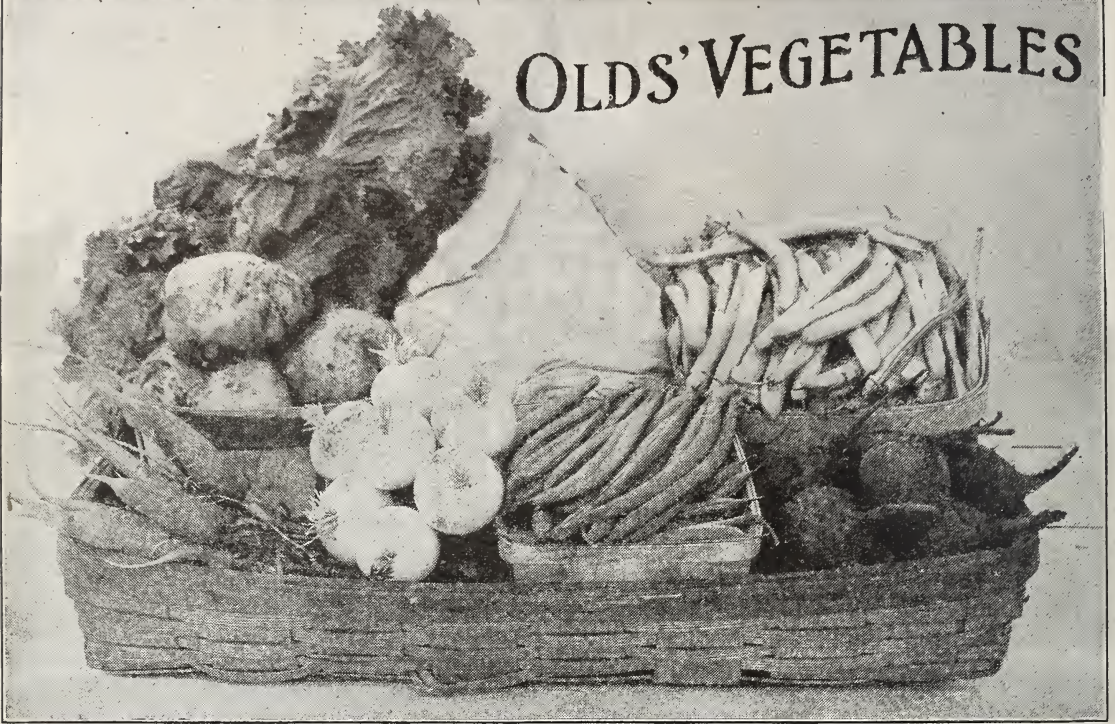
By mail: Lb., 35c; 3 lbs., \$1.00. By freight: Lb., 30c; 5 lbs., \$1.35; 10 lbs., \$2.50; 100 lbs., \$23.00.

OLDS' OLD GOLD LAWN GRASS.

We have been making and selling Old Gold Lawn Grass for years and it has given general satisfaction to our customers. This mixture will probably make a better showing the first year than any of the above, although all right too for a permanent lasting growth.

By mail: Lb., 30c; 3 lbs., 85c. By freight: Lb., 25c; 5 lbs., \$1.15; 10 lbs., \$2.10; 100 lbs., \$19.00.

OLDS' VEGETABLES



Olds' Seeds are grown for seed purposes only and are equal to any offered. We catalog only varieties of merit and have selected from the list "Olds' Wisconsin Standards," those that we know can be relied on.—see page 60.



Where our **TRADE MARK** appears, it indicates varieties we have been instrumental in introducing. To help those who might be confused by a long list, we have marked with a star (★) those we especially recommend for general cultivation.

WE DELIVER ALL VEGETABLE AND FLOWER SEEDS OFFERED IN THIS CATALOG TO ANY POST OFFICE IN THE UNITED STATES—EXCEPT WHERE OTHERWISE NOTED.

Now is the time to make seeds, as well as other things, go as far as possible. Our packets are liberal in size and in most cases contain plenty of seed for one planting. In order to encourage ordering of seeds in packets in larger number, we make the following liberal **Premium Offers**:

Send \$1.00 and select vegetable seeds, in packets, to the value of \$1.25.

Send \$2.00 and select vegetable seeds, in packets, to the value of \$2.60.

Send \$3.00 and select vegetable seeds, in packets, to the value of \$4.00.

Get your friends and neighbors to club with you in sending their orders and get \$4.00 worth of seeds, in packets, for \$3.00. Seeds in ounces, quarter-pounds, pounds, in short, everything in larger quantities than packets, are absolutely net, and no discount or premiums will be allowed.

If you are a Market Gardener, write for our Market Gardeners' Price List. It will be sent on request to those who grow for market or those who use more than \$10.00 worth of seeds in larger quantities than ounces.

Prices from the market gardeners' list and special prices are net and not entitled to Premium Offers.

L. L. Olds Seed Company never knowingly send out seeds which will not grow or are not in every way as represented, but we give no warranty express or implied, as to description, purity, productiveness, or any other matter, of any seeds we send out, and will not be responsible for the crop, further than the amount of the order.



TESTED SEEDS. We test our Seeds before offering them and do not send out seeds unless they show a good test, but should they fail to grow, after being properly planted, we will replace the same amount or give equal value in others.

BUYING SEEDS is largely a matter of confidence. Our customers know that they can place confidence in us and in our seeds. Every year we add a lot of new customers to our list, who send us their orders because some friend has recommended our seeds. Our old customers are all the time doing a lot of good advertising for us. We appreciate this and want to thank them for it.

Make Your Garden "Reduce the High Cost of Living." A garden, carefully planned and tended will furnish an abundance of fresh vegetables throughout the summer and the surplus can be canned for winter. A good garden means better living at less expense. Try it, and let Olds furnish the seeds.

Our seeds are put up fresh each year and the stock number, letter and year is stamped on every package.

OLDS' ASPARAGUS

The Asparagus bed furnishes the first green delicacy for the table in the spring, is universally popular, and requires but little care. Each Packet contains ¼ oz. of seed and will plant 15 feet of drill; two to three pounds an acre. We recommend planting roots, however, rather than seed.

1. **CONOVER'S COLOSSAL.** The standard variety. Two-year-old roots, 25, 45c; 100, \$1.35. By express or freight, not prepaid: 25, 35c; 100, \$1.00; 1,000, \$6.50. SEED: Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

2. **COLUMBIAN MAMMOTH WHITE.** A new variety, with white shoots that stay white. Rather more vigorous in growth and with larger shoots than Conover's Colossal. Two-year-old roots: Doz., 30c; 25, 50c; 100, \$1.40. By express or freight, not prepaid: 25, 40c; 100, \$1.10; 1,000, \$7.00. SEED: Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

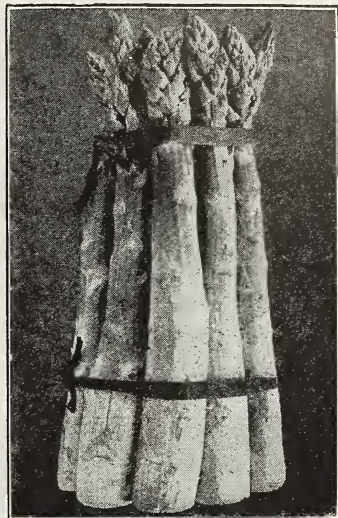
3. **BARR'S MAMMOTH.** Large and productive; grows twice as large as Conover's Colossal. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 65c.

4. **BONVALLET'S GIANT.** This new asparagus has proved to be in great demand; its flavor, size and whiteness place it ahead of any other. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

5. **PALMETTO.** The plants are vigorous in growth, producing large thick dark green shoots with a distinctly pointed tip. Roots and seed, same price as for Conover's Colossal.

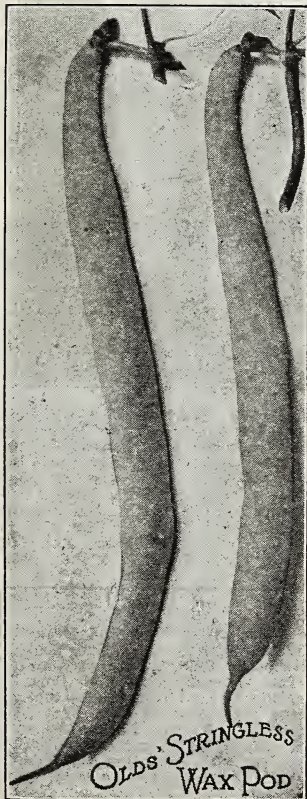
We can furnish roots of Conover's Colossal, Columbian Mammoth White and Palmetto—50 of a kind at the 100 rate; 500 at the 1,000 rate. Special prices on larger lots on application.

A NEW DEPARTURE. We have discontinued selling beans by the pint, quart, peck, bushel or fraction thereof. Selling by the pound is more accurate, fairer and more sensible than by the old method of pint, peck and bushel.



BEANS

Our beans are Northern grown, thoroughly rogued and carefully hand-picked. Those marked with a star are varieties we specially recommend. Order by number. Our packets contain two ounces each, and will plant from 6 to 10 feet of drill. One pound will plant 50 to 75 feet of drill; 1½ bushels one acre.



20½. **★OLDS' STRINGLESS WAX POD.** A new Wax Pod Bean—early, prolific and luscious. This bean is early, hardy, very prolific, entirely stringless, and as good, in quality and productiveness, as Burpee's Stringless Green Pod. It is a cross of Valentine Wax and Burpee's Stringless Green Pod. Olds' Stringless Wax grows upright, bearing the beans well off the ground and is loaded with large, handsome pods. The pods average six inches in length, are light yellow in color, well filled and meaty; they are entirely stringless and of the most delicious flavor. It is the most prolific bush bean we know of and this combined with its large, handsome, delicious, stringless pods, makes it most valuable for any and every purpose.

We have been growing this bean for several years and by careful roguing and selection have greatly improved it. The crop this year in common with the crop of other varieties of beans is small and we can offer the beans only in a limited way. Price for 1919: Pkt., 10c; 2 pkts., (¼ lb.), 15c; lb., 35c; 2 lbs., 60c.



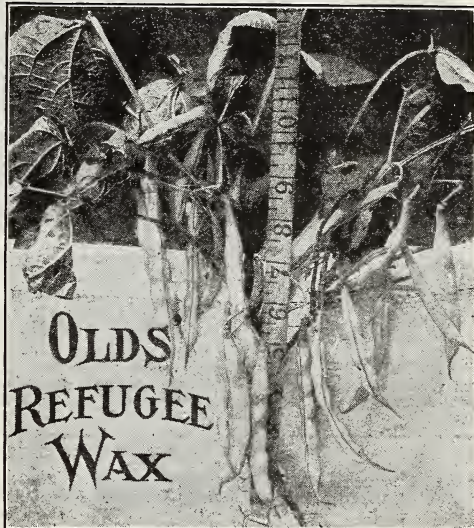
29. **OLDS' REFUGEE WAX.** A strong bush and very productive. The pods are five inches long, slender, nearly round, light golden yellow in color, solid, brittle and stringless. It is an early bean and should be in every home garden. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 35c; 2 lbs., 65c.

See page 35 for prices by express or freight, not prepaid.

ORDER EARLY.

Seed crops in some lines are again short on account of unfavorable conditions in growing sections and especially because of the war situation in the seed growing districts of Europe. We have good supplies of almost everything listed but urge early orders, as the demand for seeds this year will again be large. Mails, express and freight are liable to be delayed, so we repeat, Order early.

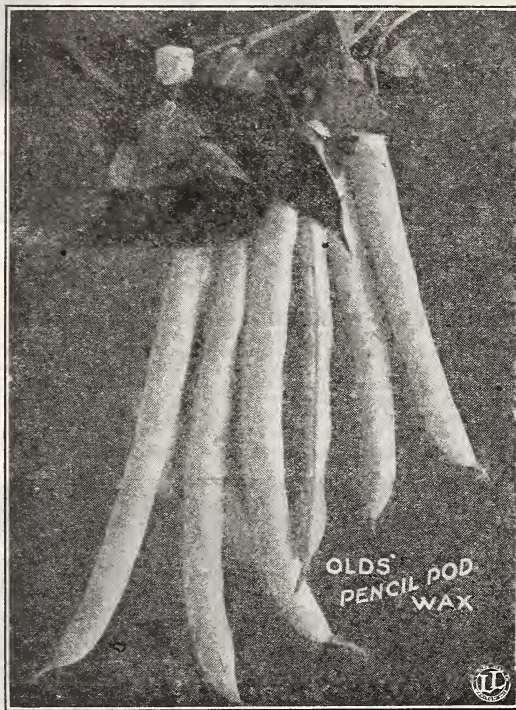
REMEMBER. We pay the postage regardless of zone—unless otherwise mentioned.



CULTURAL DIRECTIONS are printed on the back of each packet and ounce package of garden and flower seeds.

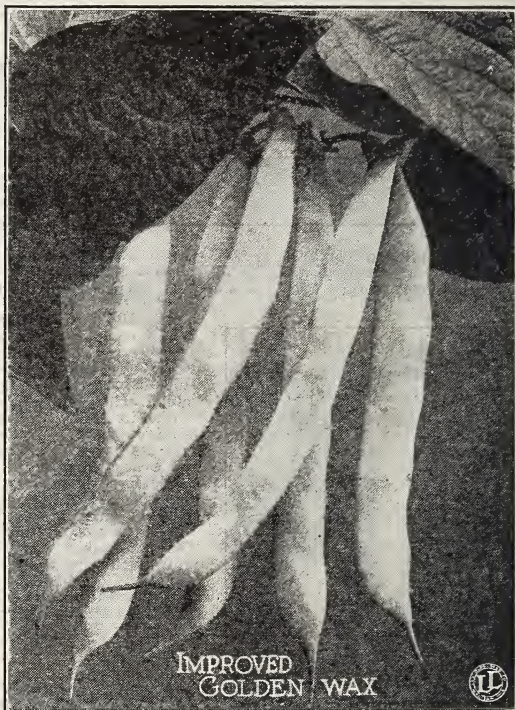


13. **BOUNTIFUL.** A new stringless Bush Bean. Extra early, tender, large-podded (see above), and a bountiful yielder. The flat green pods are absolutely stringless and entirely free from tough, membranous lining. This bean is a continuous bearer—the first in the spring and the last in the fall. Fine for the home garden and just right for the truck patch. Pkt., (2 oz.), 10c; 2 pkts. ($\frac{1}{4}$ lb.), 15c; 1b., 30c; 2 lbs., 55c.



24. **★OLDS' PENCIL POD WAX.** This bean is very early, very productive and of most excellent flavor. The pods are long, straight, round like a pencil, fleshy, and of a bright yellow color; absolutely stringless—try it. Pkt., (2 oz.), 10c; 2 pkts., ($\frac{1}{4}$ lb.), 15c; 1b., 40c; 2 lbs., 70c.

REMEMBER. We pay the postage regardless of zone, on seeds ordered by the packet, ounce, quarter-pound, pound, and up to five pounds in weight, unless otherwise noted.

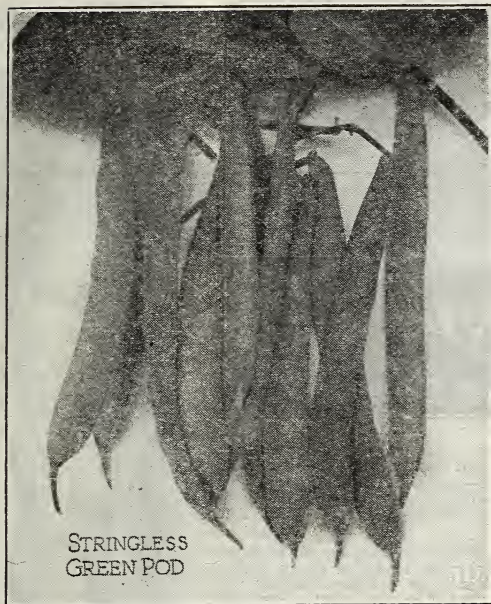


20. **IMPROVED GOLDEN WAX.** The standard flat, wax-podded variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The plants are very bushy and not susceptible to blight. The pods are large and handsome—they are also tender, brittle and absolutely without strings or coarse fibre at all stages until maturity, while the color is a rich golden-yellow. It is valuable for both home and market gardening. Pkt., (2 oz.), 10c; 2 pkts., ($\frac{1}{4}$ lbs.), 15c; 1b., 35c; 2 lbs., 60c.

A FEW VEGETABLE SEED SPECIALTIES FOR 1919.

In vegetable seed specialties we are pleased to offer such promising sorts as Olds' Stringless Wax Pod Beans, Olds' Earliest Forcing (Fireball) Beet, New Danish Brussels Sprouts, Wisconsin Hollander (disease resistant) Cabbage, The Famous Chinese Cabbage, Olds' Half Long Stump Rooted Carrot, Easy Blanching Celery, Witloof Chicory, Olds' Ideal Early Sweet Corn, Narrow Grained Evergreen, Sweet Corn, True Tom Thumb Rice Pop Corn, Klondike (the best dark green) Cucumber, High Bush Egg Plant, Olds' Earliest Forcing (Grand Rapids) Lettuce, Olds' Early Model Muskmelon, The Famous Honey Dew Melon, New Brazilian, Klondike and The Winter Watermelon, Olds' Three Best Globe Onions, Golden, Silver and Crimson, Laxtonian, Pioneer and Thomas Laxton Peas, Royal King Pepper, Olds' Brightest White Tip (Sparkler), and Giant Butter Radish, Manyfold Tomato, a new Japanese Spinach, and a new Japanese Turnip. We also offer several new varieties, of flowers, including two new Asters and the Eldorado Poppy; also have added some new varieties of Decorative Dahlias.

"OLDS' CATALOG TELLS THE TRUTH."



STRINGLESS
GREEN POD

15. **★STRINGLESS GREEN POD.** (Burpee's.) The best green pod. It is early, hardy and productive, bearing handsome pods which are entirely stringless even when fully matured. The pods are five inches long, of a rich green color, very round and straight. By repeated plantings, fine pods may be had in constant succession from spring until cut off by heavy frosts in the fall. For either the market or home garden, no other green podded bean is so entirely satisfactory. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; 1 lb., 35c; 2 lbs., 60c.

14. **THE LONGFELLOW.** A new Green Pod Bean. An extra early variety with perfectly round, straight, fleshy pods—very tender and brittle. We heartily recommend this variety. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; 1 lb., 35c; 2 lbs., 65c.

☛ If your order for garden seeds amounts to \$10.00 or more, send for our market gardeners' net price list before ordering.



WARDWELL'S
KIDNEY WAX

23. **WARDWELL'S KIDNEY WAX.** One of the earliest, hardest and most productive wax pod beans. Pods are long and showy, a third longer than Golden Wax, and a week earlier. A rich, golden, yellow, brittle and entirely stringless. Pkt., (2 oz.), 10c; 2 pkts. (¼ lb.), 15c; 1 lb., 40c; 2 lbs., 70c.



16. **OLDS' BEST OF ALL BUSH.** One of the finest and most productive of all the Green Pod Bush varieties. The plants grow erect, 18 to 20 inches in height, bearing a profusion of long, straight pods, well above the soil. The pods are fleshy. Crop failed.

28. **★CURRIE'S RUST-PROOF WAX.** Absolutely rust-proof. Grown side by side with other wax beans, this variety remained entirely free from rust. The pods are straight, rather flat, five inches long, of a light golden yellow color; crisp, tender and entirely stringless. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; 1 lb., 35c; 2 lbs., 60c.

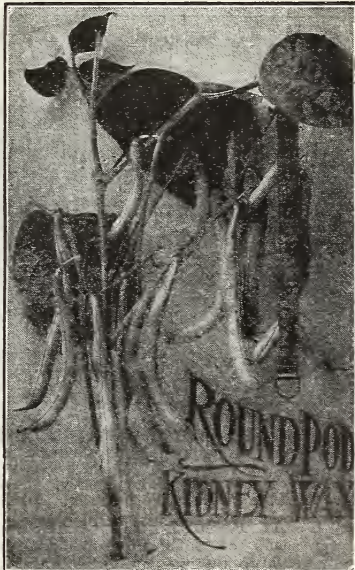
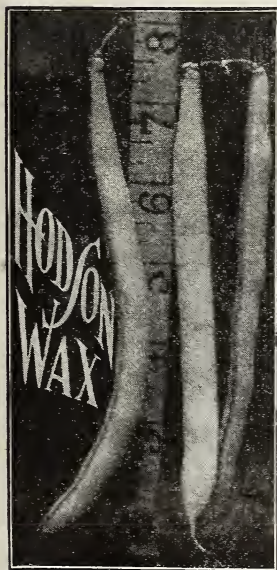
Remember garden seed prices include parcel postage, unless otherwise noted.



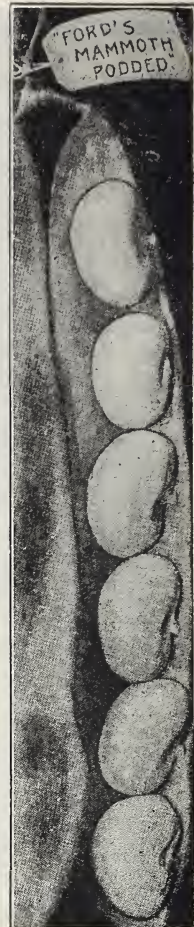
25. **★OLDS' ROUND POD KIDNEY WAX.** A handsome second early wax bean. This new bean combines all the good qualities of Wardwell's Kidney Wax with the best round-podded sorts. It is the same in season as Wardwell's, and is entirely free from rust. The plants are stocky, and very productive. The pods are large, handsome, of a rich lemon-yellow, and stringless. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; 1 lb., 40c; 2 lbs., 70c.

27. **NEW HODSON WAX.** The new wax bush bean and one never affected by rust or blight. This bean is in a class by itself—it is remarkable for its great size of bush and length of pod. The pods are from 7 to 8 inches long—see illustration. Altogether it is just the bean for market gardeners and truckers. The plants should be thinned out to at least 6 inches in the row on account of the great size of the bush. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; 1 lb., 40c; 2 lbs., 70c.

Beans weigh 60 lbs. to the bushel (Wisconsin legal weight), except Lima Beans, which weigh 56 lbs. A pint of beans weighs a little less than one pound and a quart a little less than 2 pounds. One pound will plant 75 feet of drill.



INSURED PARCEL POST. Packages of from \$15.00 to \$25.00 in value will be insured free, on request.



31. **BURPEE-IMPROVED BUSH LIMA.** Earlier, larger and more productive than Burpee's Bush Lima. The bush is vigorous in growth, upright and has a heavy foliage. The pods are uniform in size, with an average of five beans to a pod—see illustration above. The beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. This bean is a great improvement over the well-known Burpee's Bush Lima. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 35c; 2 lbs., 65c.

30. **★BURPEE'S BUSH LIMA.** A true bush lima bean, requiring no poles or supports. Burpee's Bush Lima can be successfully grown by any one, and it ought to be in every garden. The bushes grow erect 18 to 20 inches high. Each pod contains 3 or 4 large beans; very tender and of a delicious flavor. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 35c; 2 lbs., 65c.

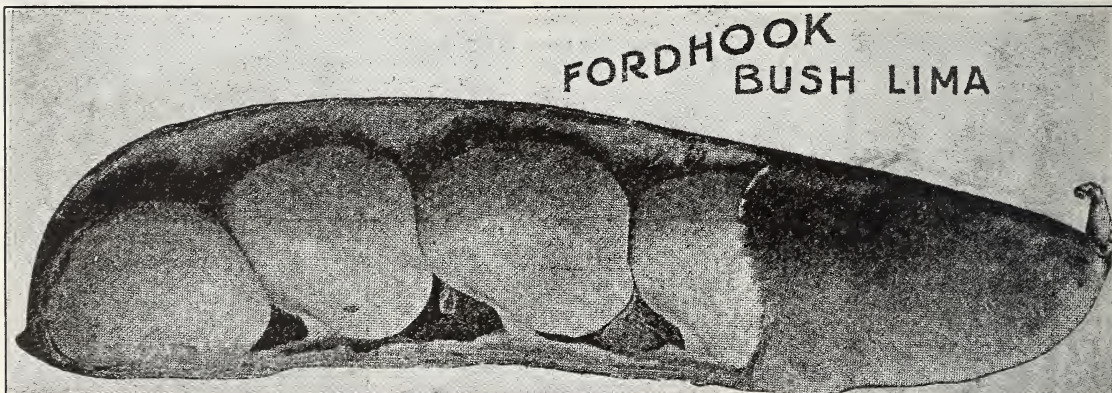
33. **FORD'S MAMMOTH PODDED.** The largest podded, finest flavored and most productive Pole Lima Bean. The pods average 8 inches in length, with from five to seven beans in a pod (see illustration), excellent for using either green or dry. The vines grow vigorously, setting beans early, and continuing to bear right up to frost. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 35c; 2 lbs., 65c.

33½. **GREEN SEEDED CARPINTERIA.** The most perfect Pole Lima Bean. Very productive, producing pods five to six inches long, usually filled with four large, thick, luscious green beans. Splendid for the home and market garden. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 35c; 2 lbs., 65c.

36. **LAZY WIFE POLE.** A very popular Pole Bean. A great favorite with the housewife, stringless and of a rich, buttery flavor. The pods are dark green in color, 4½ inches in length, and are produced in great abundance. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 45c; 2 lbs., 85c.

Instead of the little booklet on cultural directions, we are printing, this year, directions for planting and cultivating on the back of each packet and ounce package.

The Best Seeds that grow are sold by Olds.



34½. **FORDHOOK BUSH LIMA.** An improved dwarf lima with plants growing erect and bearing well above the ground. The pods are medium green in color; from four to five inches long, and are produced in large clusters—they contain from 3 to 5 large beans (illustrated above) and are of fine quality. The beans are large, white with greenish tinge, thick and meaty. Fordhook Bush Lima is the most prolific of all the bush varieties and we consider it a valuable addition to our list. Pkt., (2 oz.), 10c; 2 pkts., (¼ lb.), 15c; lb., 45c; 2 lbs., 85c.

WE PAY PARCEL-POST CHARGES on all garden and flower seeds, offered by the packet, ounce, quarter-pound, pound and up to five pounds in weight. We are centrally located and can pay the postage, without increasing the cost of the seed, as much as some others. Catalogue prices include postage to destination, unless otherwise noted.

HOME FLORICULTURE. A 175-page illustrated book, telling how to grow and cultivate flowering plants.

Price, 25c, or free with an order for flower seeds, plants and bulbs, amounting to \$2.00 or more.

Order by number. The number at the left of each variety, if used, will help in filling orders.

Kentucky Wonder Wax

Kentucky Wonder Wax. Pkt., 10c; 2 pkt., 15c; lb., 40c; 2 lbs., 75c.

BEANS. Full List.

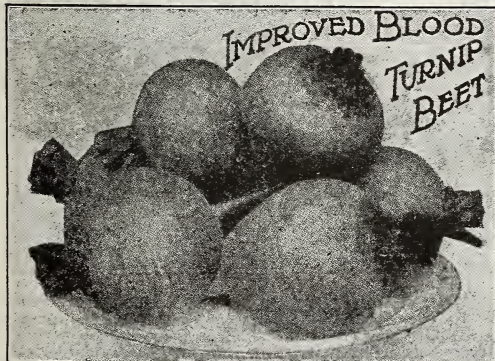
7½ pounds and 30 pounds at 15 pound and 60 pound rates.

	By parcel post.			By frt. or exp. not prepaid.		
	Pkt.	Lb.	2 lbs.	2 lbs.	15 lbs.	60 lbs.
10. EXTRA EARLY REFUGEE. Early, hardy and productive.....	\$0.10	\$0.30	\$0.55	\$0.45	\$3.30	\$13.00
11. ROUND YELLOW SIX WEEKS. Early, very productive.....	.10	.30	.55	.45	3.15	12.50
12. IMPROVED ROUND POD VALENTINE. An improved strain.....	.10	.35	.60	.50	3.80	15.00
13. BOUNTIFUL. A new stringless bush bean, early, tender.....	.10	.30	.55	.45	3.40	13.50
14. LONGFELLOW. The new green pod.....	.10	.35	.60	.50	3.90	15.50
15. ★STRINGLESS GREEN POD (Burpee's.) Best green pod.....	.10	.35	.60	.50	3.55	14.00
16. GIANT STRINGLESS GREEN POD. Large pods; early, hardy and prolific.....	.10	.35	.60	.50	3.80	15.00
17. BLACK VALENTINE. A greatly improved Valentine.....	.10	.30	.65	.55	4.05	16.00
18. TENNESSEE GREEN POD. A long, broad, bright green podded variety.....	.10	.30	.55	.45	3.30	13.00
19. REFUGEE, OR 1000 TO 1. Medium early and very prolific.....	.10	.35	.60	.50	3.80	15.00
20. IMPROVED GOLDEN WAX. A very popular bean.....	.10	.35	.60	.50	3.65	14.50
20½. OLDS' STRINGLESS WAX POD. A brand new wax pod bean. Page 31.....	.15	.35	.60	.50	3.80	15.00
21. IMPROVED BLACK WAX. Early and very prolific.....	.10	.35	.60	.50	3.80	15.00
22. DAVIS WHITE KIDNEY WAX. Productive and very handsome; fine for home use.....	.10	.35	.65	.55	4.15	16.50
23. WARDWELL'S KIDNEY WAX. A valuable wax pod; early.....	.10	.40	.70	.60	4.55	18.00
24. ★OLDS' PENCIL POD WAX. A fine wax pod. Page 32.....	.10	.40	.70	.60	4.40	17.50
25. ★OLDS' ROUND POD KIDNEY WAX. Best second early.....	.10	.40	.70	.60	4.55	18.00
27. HODSON WAX. Never affected by rust or blight. Page 33.....	.10	.40	.70	.60	4.30	17.00
28. ★CURRIE'S RUST-PROOF WAX. Absolutely rust-proof.....	.10	.35	.60	.50	3.80	15.00
29. OLDS' REFUGEE WAX. See illustration page 31.....	.10	.35	.65	.55	4.05	16.00
29½. VALENTINE WAX. A splendid prolific second-early.....	.10	.40	.75	.65	5.00	
30. ★BURPEE'S BUSH LIMA. True bush lima—no poles.....	.10	.35	.65	.55	3.90	15.50
31. HENDERSON'S BUSH LIMA. The earliest bush lima.....	.10	.30	.55	.45	3.30	13.00
32. KING OF THE GARDEN LIMA. The favorite pole lima.....	.10	.35	.60	.50	3.80	15.00
33. FORD'S MAMMOTH PODDED. A large podded pole lima.....	.10	.35	.65	.55	4.15	16.50
33½. GREEN-SEEDED CARPENTERIA. A perfect pole lima.....	.10	.35	.65	.55	3.90	15.50
34. BURPEE-IMPROVED BUSH LIMA. The largest lima.....	.10	.35	.65	.55	4.15	16.50
34½. FORDHOOK BUSH LIMA. The most prolific bush lima.....	.10	.45	.85	.75	5.55	22.00
35. BEST OF ALL POLE (White Creaseback.) The best early.....	.10	.35	.60	.50	3.80	15.00
36. LAZY WIFE POLE. The most popular pole bean.....	.10	.45	.85	.75	5.55	22.00
37. GOLDEN CLUSTER WAX POLE. A valuable snap bean.....	.10	.45	.80	.70	5.30	21.00
38. KENTUCKY WONDER. A very popular pole bean.....	.10	.40	.70	.60	4.55	18.00
38½. KENTUCKY WONDER WAX. The best pole wax. Illustrated above.....	.10	.40	.75	.65	5.05	20.00
39. SCARLET RUNNER. An ornamental snap pole bean.....	.10	.40	.75	.65	5.00	

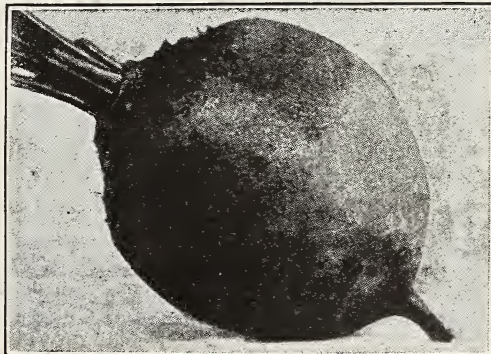
NOTE! Lima beans weigh 56 lbs. to the bu., but above prices are for 15 lbs. and 60 lbs., for all varieties.

BEETS

We take great care to have seed that will produce beets free from rootlets and uniform in size. Our packets each contain ¼ oz., of seed and will plant from 12 to 15 feet of drill; four to five pounds, one acre. Those marked with a star are the varieties we especially recommend. Order by number.

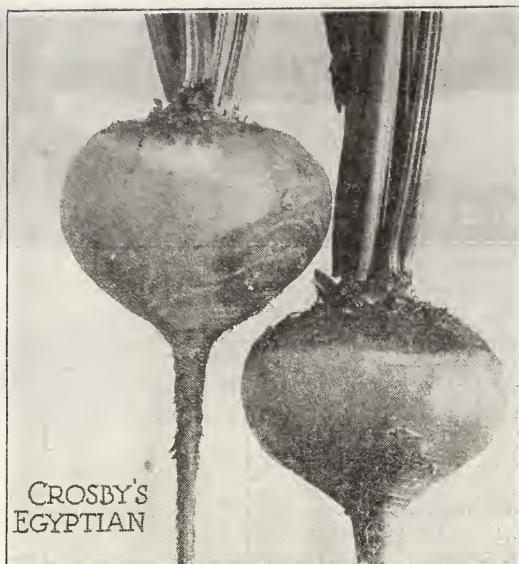


41. ★OLDS' IMPROVED BLOOD TURNIP. The standard early beet. The Early Blood Turnip Beet is one of the most popular of the early sorts. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.



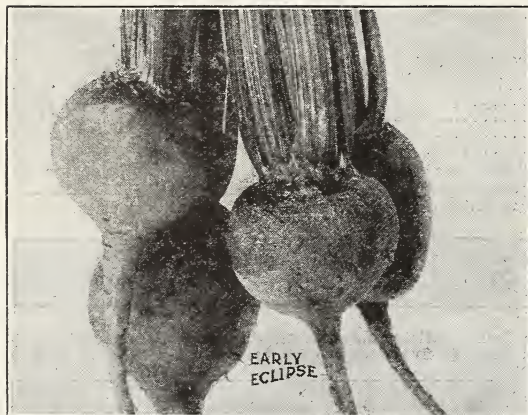
44½. JOHNSONS' DEFIANCE. A very highly-selected strain. Root perfect in shape—illustrated above. Has the same color and characteristics as Eclipse but is finer in the top and more uniform in shape. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

Page 37 for price of Beets by express or freight, not prepaid.



CROSBY'S
EGYPTIAN

51. OLDS' IMPROVED CROSBY'S EGYPTIAN. The most desirable early market beet. A selection from Early Egyptian, which is the standard extra early sort. It retains the earliness of its parent, and has a more desirable shape. Deep red in color and of better quality than Egyptian, being sweeter and more tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.60.



EARLY
ECLIPSE

44. EARLY ECLIPSE. The Eclipse is a round uniform shaped beet (see illustration). The roots are bright deep red, smooth and the tops are small. The flesh is bright red, very sweet, crisp and tender. Nearly as early as the Early Egyptian and very desirable as a family garden variety. The Eclipse can also be planted in June and used during the winter months. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

54½. OLDS' DANISH BLOOD TURNIP. A grand new table beet combining perhaps more good qualities than any other round variety. It is a handsome beet, fine grained, with blood-red flesh. Very early, tender and makes a splendid pickling sort. It retains its crispness and freedom from woodiness throughout the entire season. The tops are rich blood-red in color and can be used in ornamental bedding. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.85.

45. ★NEW EARLY MODEL. The perfect Beet. It is medium early, between the Electric and Crimson Globe. The bulbs run very uniform and are almost round; fine-grained, tender and sweet—never woody or stringy. A fine variety for the home garden. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.85.



DETROIT
DARK RED

48. DETROIT DARK RED TURNIP. A very fine early turnip beet, with dark red skin and bright red flesh. It grows very smooth, is globular in shape—see illustration, and is tender and sweet. A splendid beet for bunching for market and one of the best for the market garden. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.45.

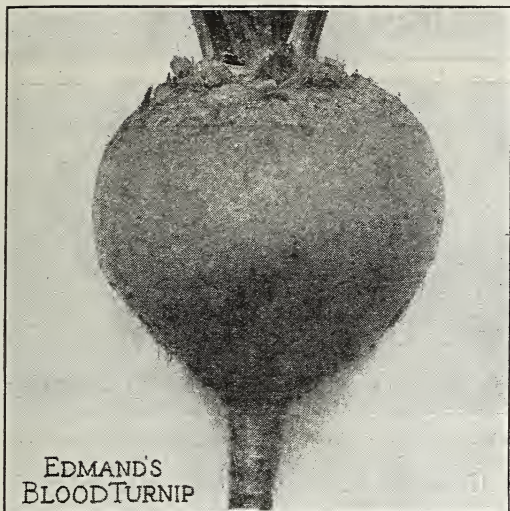


CRIMSON GLOBE
BEET

52. ★CRIMSON GLOBE. A new variety of great merit. Unequaled for table use; very handsome (illustrated above), early and also suitable for a main crop variety, of medium size, almost globe-shaped and free from rootlets. The flesh is a deep purplish crimson and of the finest quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

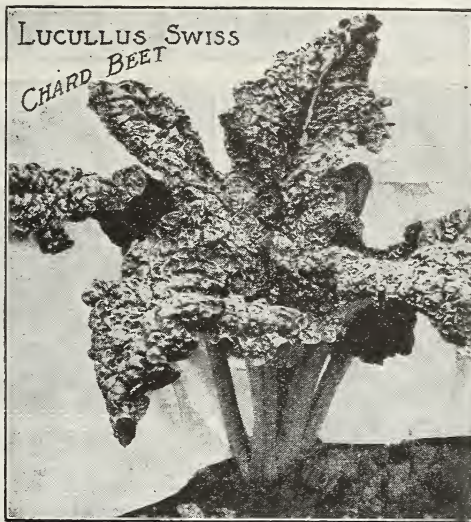
We have arranged our catalogue without novelty pages. We list all varieties under their respective headings. New varieties for 1919, noted, bottom page 32.

“OLDS' CATALOG TELLS THE TRUTH.”



EDMAND'S
BLOODTURNIP

42. **EDMAND'S EARLY BLOOD TURNIP.** A good variety to follow the extra early sorts, and also one of the best for winter use. Skin and flesh, dark red, sweet and tender. Does not grow large (see illustration above) and coarse, has small tops and can be planted close. A very popular beet with market gardeners and just as desirable for the home garden. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35.



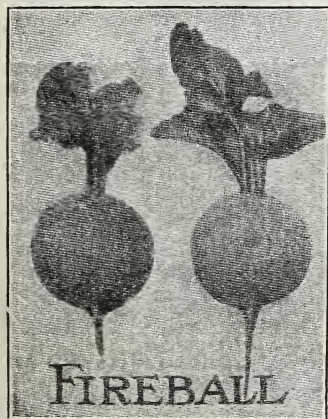
LUCULLUS SWISS
CHARD BEET

52 $\frac{1}{2}$. **LUCULLUS SWISS CHARD.** The new Swiss Chard, or Spanish Beet. The plants grow from two to two and one-half feet in height. The stalks are thick, broad and delicious when cooked and served in the same manner as asparagus. The Lucullus has large, pointed, crumpled leaves—see illustration, which when cooked and served in the same manner as spinach are tender and fine flavored. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

43. **★THE ELECTRIC.** The best second early best. The Electric is remarkably uniform in shape and size, with smooth, dark red skin, small leaves and a small tap root. Flesh, fine grained and tender. We recommend the Electric to all those wanting a fine, early table beet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.65.

49. **MARKET GARDENERS'.** The great all-season beet. Makes a rapid growth and heavy root, for autumn or winter use. Deep red, sweet and very crisp. Keeps well and appeals very strongly to everybody wanting a first-class all-season's table beet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

WE PAY PARCEL-POST CHARGES on all garden and flower seeds, offered by the packet, ounce, quarter-pound, pound and up to five pounds in weight, unless otherwise noted.



FIREBALL



40 $\frac{1}{2}$ —
★OLD'S' EARLIEST FORCING

(Fireball). A new extra early beet; suitable for forcing. This beet is bright red in color, has a smooth skin and is solid and very sweet in flavor. The leaf stalks and tap roots are quite small (see illustration), making it valuable for sowing in frames. It retains its fresh table qualities better than most beets and is also a valuable sort to sow in the open ground. Pkt., 5c; oz., 15c; $\frac{1}{2}$ lb., 45c; lb., \$1.65.

BEETS. Full List.

Half-pounds at pound rates. Market Gardeners' list for larger quantities.

		By parcel post.			
		pkt.	oz.	$\frac{1}{4}$ lb.	lb.
40.	IMPROVED EARLY EGYPTIAN. The standard market variety; grows quickly, producing smooth, flat, turnip-shaped roots.	\$0.05	\$0.10	\$0.35	\$1.20
40 $\frac{1}{2}$.	★OLD'S' EARLIEST FORCING (Fireball) A new extra early beet, suitable for forcing.	.05	.15	.45	1.65
41.	★OLD'S' IMPROVED BLOOD TURNIP. The standard early beet.	.05	.10	.35	1.25
42.	EDMAND'S EARLY BLOOD TURNIP. Dark red; fine flavor; good for winter use, and one of the best beets grown. Illustrated above.	.05	.15	.40	1.35
43.	★THE ELECTRIC. The best second early beet.	.05	.15	.45	1.65
44.	EARLY ECLIPSE. Very early, globe-shaped, with small top, thin root; skin bright red; flesh fine grained.	.05	.10	.35	1.25
44 $\frac{1}{2}$.	JOHNSON'S DEFIANCE. A fine selected strain; very uniform in shape. Page 35.	.05	.15	.50	1.75
45.	★NEW EARLY MODEL. The perfect beet.	.05	.15	.50	1.85
45 $\frac{1}{2}$.	OLD'S' DANISH HALF LONG. A new brilliant red beet.	.05	.15	.55	1.95
46.	HALF LONG BLOOD. Fine for winter use. Always smooth, crisp and tender, remaining so until late in the season; dark red flesh.	.05	.15	.40	1.50
47.	LONG SMOOTH BLOOD RED. A well-known winter beet; late in maturing, but an excellent keeper.	.05	.15	.45	1.65
48.	DETROIT DARK RED TURNIP. A fine early turnip beet. One of the best for the market garden; dark red skin, and bright red flesh.	.05	.15	.40	1.45
49.	MARKET GARDENERS'. The great all seasons' beet.	.05	.15	.50	1.75
50.	NEW COLUMBIA. A fine main crop variety.	.05	.15	.50	1.85
51.	CROSBY'S EGYPTIAN. A most desirable early market beet.	.05	.15	.45	1.60
52.	★CRIMSON GLOBE. A new variety of great merit.	.05	.10	.35	1.25
52 $\frac{1}{2}$.	★LUCULLUS SWISS CHARD. The new Swiss Chard Beet.	.05	.15	.50	1.75
53.	SWISS CHARD. The well-known spinach beet; grown for its succulent tops—prepare and use like spinach or asparagus.	.05	.15	.40	1.50
54.	EARLY YELLOW TURNIP. An early yellow, globe-shaped variety.	.05	.15		
54 $\frac{1}{2}$.	OLD'S' DANISH BLOOD TURNIP. Round, fine-grained with blood-red flesh.	.05	.15	.50	1.85

MIXED BEET SEED. A carefully prepared mixture of best sorts for table use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

MANGELS AND SUGAR BEETS



Mammoth Long Red.



GOLDEN TANKARD MANGEL

56. **GOLDEN TANKARD.** The best yellow-fleshed mangel in cultivation. Contains a larger percentage of sugar than the red mangels. Has a small tap-root and grows largely above ground—see illustration. Can be grown closely in rows and yields enormously. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.15. Not postpaid: 5 lbs., \$5.00.

59 $\frac{1}{2}$. **DANISH SLUDSTRUP.** This new mangel has attained the highest honor in agricultural circles in Denmark, where mangels are as important as corn is here. Sludstrup has a long reddish-yellow root, growing more than half above ground and is easily harvested—see illustration. It excels any other variety in weight, feeding value, and yield. Our seed is from the best Danish growers. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.10. Not postpaid: 5 lbs., \$4.75.

59. **GIANT ECKENDORF.** This German Mangel contains a large amount of nutritive matter and is also a very heavy yielder. The roots are immense and often weigh from 15 to 20 pounds each. They are cylindrical in form, and on

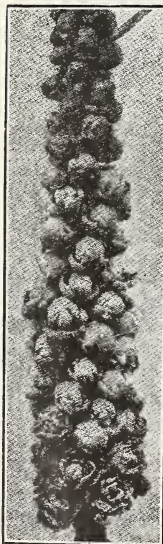


DANISH SLUDSTRUP

account of growing the larger part out of the ground are easily harvested. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25. Not postpaid: 5 lbs., \$5.50.

Mangels are good keepers and very productive. 35 to 50 tons can be grown to the acre.

Five or six pounds of seed will sow an acre. 2 lbs. or more at 5-lb. rates. Order by number.



55. **MAMMOTH LONG RED.** The best long red mangel; very productive, often yielding 50 tons to the acre. It grows well above the ground and is easily harvested. Not postpaid: 5 lbs., \$4.25.....
56. **GOLDEN TANKARD.** The best yellow mangel in cultivation; globe-shaped, easily harvested and very desirable.....
57. **GOLDEN GIANT INTERMEDIATE.** Intermediate between the long and the globe-shaped. Not postpaid: 5 lbs., \$4.00.....
58. **CHAMPION YELLOW GLOBE.** The best globe-shaped mangel
59. **GIANT ECKENDORF.** The most popular mangel in Germany, also proving very satisfactory in the United States—has a high percentage of dry matter and is easily harvested.....
- 59 $\frac{1}{2}$. **DANISH SLUDSTRUP.** A new mangel, described and illustrated above. Not postpaid: 5 lbs., \$4.75.....
60. **LANE'S IMPERIAL SUGAR.** A great favorite. Not so rich in sugar as Vilmorin's, but larger and more profitable to grow for feeding.....
61. **KLEIN WANLEBEN SUGAR.** Largely grown for sugar. The root is straight and even. A heavy yielder and very rich in sugar
62. **VILMORIN'S IMPROVED SUGAR.** An improved French variety; very rich, containing usually as high as 16 per cent of sugar
63. **GIANT HALF-SUGAR.** One of the most valuable for feeding stock. It unites the large size of the mangel with the great feeding value of the sugar beet. Not postpaid: 5 lbs., \$5.25.....

By parcel post.

pkt.	oz.	$\frac{1}{4}$ lb.	lb.	5 lbs
\$0.05	\$0.10	\$0.30	\$1.00	\$4.50
.05	.10	.35	1.15	5.25
.05	.10	.25	.95	4.25
.05	.10	.30	1.00	4.50
.05	.10	.35	1.25	5.75
.05	.10	.30	1.10	5.00
.05	.15	.40	1.45	6.75
.05	.10	.35	1.25	5.75
.05	.15			
.05	.10	.35	1.20	5.50

BRUSSELS SPROUTS.

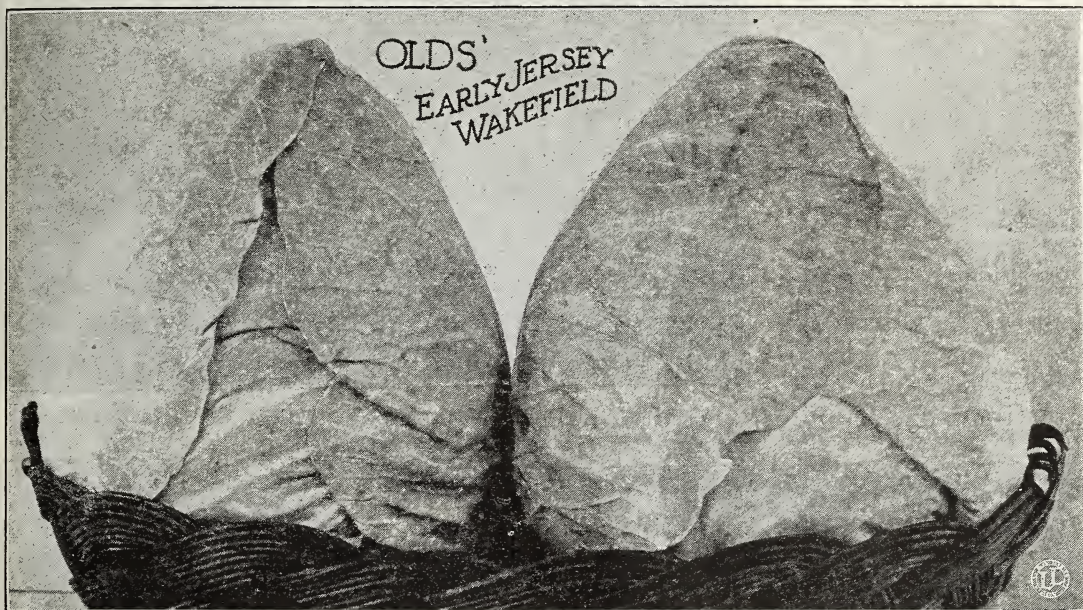
A species of cabbage, requiring the same cultivation. The sprouts resemble small cabbage growing closely on the stalk of the plant. They are fine for boiling during late fall and winter.

65. **OLDS' NEW DANISH.** The plants are strong and robust, and the stalks large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts at the bottom of the stalk are as fine and solid as those further up. Pkt., 10c; 2 pkts., 15c; oz., 20c; $\frac{1}{4}$ lb., 70c; lb., \$2.50.



CABBAGE

Our cabbage seed is the best American-grown, excepting of the Danish varieties, which reach perfection in Denmark. Each packet contains $\frac{1}{8}$ oz. of seed, sufficient to produce 500 plants; $\frac{1}{4}$ lb. will plant one acre. Those marked with a star are the varieties we specially recommend. Order by number. Use Slug Shot as a remedy for cabbage worms. See page 92. We can also furnish cabbage plants in season—see page 87.



70. ★OLDS' SELECT EARLY JERSEY WAKEFIELD. The best early cabbage in cultivation. It forms fine, solid heads of good size, with very few outer leaves, and is of the best quality—illustrated above. Seed grown from selected heads only. Pkt., 15c; 3 pkts., ($\frac{1}{2}$ oz.), 30c; oz., 55c; $\frac{1}{4}$ lb., \$2.15; lb., \$8.50; $\frac{1}{2}$ pkt., 10c.



85. OLDS' SELECT DANISH BALL HEAD. The best cabbage for keeping through the winter. The heads are perfectly round, solid and deep, and of a fine white color making them different in appearance from any other variety. The quality is superior and it is the best keeper of all cabbages, although not as large as some. Best Danish-grown Seed. Pkt., 15c; 3 pkts. ($\frac{1}{2}$ oz.), 40c; oz., 70c; $\frac{1}{4}$ lb., \$2.60; $\frac{1}{2}$ pkt., 10c.

We test our seeds for germination and send out nothing that does not show a good test. The test record of each stock is kept and the stock letter stamped on every package. Packages are put up fresh each year, the year being stamped on the package.



88½. GLORY OF ENKHUIZEN. A new variety from Holland; considered the most important recent introduction in the cabbage line. The heads are of medium size, globe shaped, handsome (see illustration above), with few outer leaves and just right for market; very productive and excellent in quality; surpassing in flavor most of the other varieties. Pkt., 20c; 3 pkts. ($\frac{1}{2}$ oz.), 45c; oz., 85c; $\frac{1}{4}$ lb., \$3.10; lb., \$12.00; $\frac{1}{2}$ pk., 15c.

We supply our customers with choice seeds of selected strains only. As a result of this policy our customers become, in their respective localities, a standing advertisement for us and for our seeds. The result is an ever increasing list of new customers and friends.

☛ Cabbage Seed is certainly scarce—Order early.

☛ We can supply Cabbage plants in season—page 87.

Page 41 for price of Cabbage Seed by express or freight, not prepaid.



80½. WISCONSIN HOLLANDER. A very decided improvement over regular Hollander Cabbage as regards resistance against the disease commonly known as "yellows" or "yellow rot." This cabbage was developed by years of careful experimenting and selection by Prof. L. R. Jones of the University of Wisconsin, carefully preserving all the good qualities of the original Hollander. Extensive field tests in Racine and Kenosha Counties, the oldest cabbage district in the state of Wisconsin, where the growing of cabbage had been abandoned on account of the "yellows," now shows the Wisconsin Hollander to be very strongly resistant to that destructive disease.

This cabbage has been grown successfully on even the "sickest" old cabbage fields with almost perfect immunity from "yellows," whereas the commercial strains alongside (see illustration) were practical failures.

The Hollander or middle stem Ballhead, as everyone who has grown this variety knows, cannot be surpassed for fall shipping or winter storage. The leaves are upright in growth, heads of medium size, solid and handsome in appearance. Our seed is Wisconsin grown. Price for 1919: Pkt., 35c; 2 pkts., 60c; 3 pkts., (½ oz.), 75c; oz., \$1.30; ¼ lb., \$5.00.



Commercial Cabbages in Center; Balance of field Wisconsin Hollander.



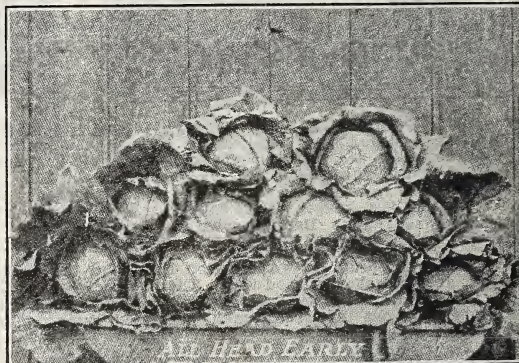
82. ★PREMIUM LATE FLAT DUTCH. A greatly improved strain of the old favorite cabbage. The plant has a short stem with large outer leaves, and is sure-heading. It is a good keeper and largely grown for main crop. Pkt., 15c; 3 pkts., (½ oz.), 30c; oz., 50c; ¼ lb., \$1.85; lb., \$7.25; ½ pkt., 10c.



81½. COPENHAGEN MARKET. The new Danish cabbage; two weeks later than the Early Jersey Wakefield. The heads are solid, of fine quality, with small cores and weighing about 10 pounds each. Pkt., 20c; 2 pkts., 35c; 3 pkts. (½ oz.), 45c; oz., 85c; ¼ lb., \$3.10.



CHINESE CABBAGE. Pkt., 10c; ½ oz., 20c; oz., 30c.



ALL HEAD EARLY. Pkt., 15c; oz., 55c; ¼ lb., \$2.10.

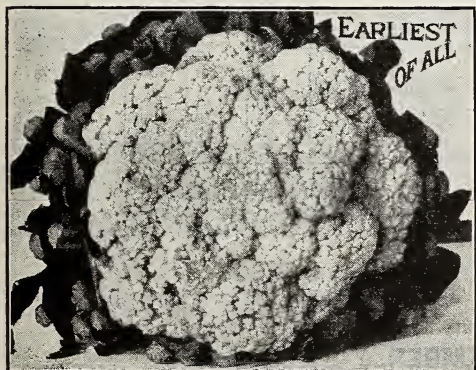
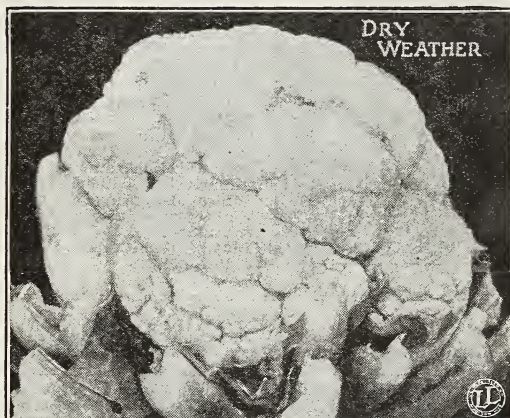
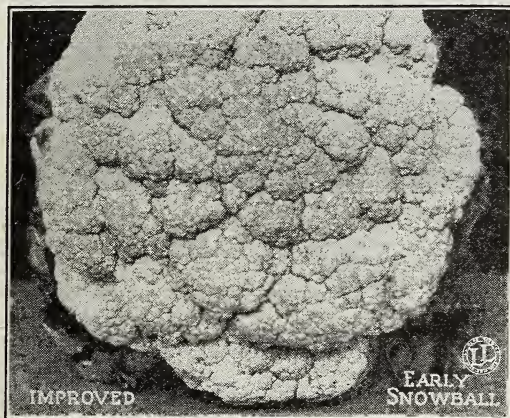
CABBAGE. Full List.

Half-pounds at pound rates. Market Gardeners' list for larger quantities.

		By parcel post.				
		½pkt.	pkt.	oz.	¼ lb.	lb.
70.	★OLDS' SELECT EARLY JERSEY WAKEFIELD. Best early cabbage.	\$0.10	\$0.15	\$0.55	\$2.15	\$8.50
71.	EXTRA EARLY EXPRESS. Earliest of all. Small pointed heads.	.10	.15	.60	2.25	8.75
72.	LARGE WAKEFIELD or CHARLESTON. A week later than Jersey Wakefield.	.10	.15	.60	2.25	8.65
73.	EARLY SPRING. The earliest flat-headed variety.	.10	.15	.55	2.10	8.00
74.	★THE VOLGA. A valuable acquisition in the cabbage line.	.10	.15	.65	2.35	9.25
75.	★ALLHEAD EARLY. Best all-the-year-round cabbage.	.10	.15	.55	2.10	8.25
76.	THE HOUSER. A favorite late winter cabbage. Crop failed.					
77.	HENDERSON'S SUCCESSION. Second early.	.10	.15	.55	2.15	8.35
77½.	ROUND EXPRESS. Considered the best round-headed variety.	.10	.15	.55	2.10	8.00
78.	SURE HEAD. All head and sure to head.	.10	.15	.55	2.10	8.25
79.	OLDS' BRIDGEPORT DRUMHEAD. A select strain.	.10	.15	.60	2.25	8.75
80.	ALL SEASONS. Good for both early and late.	.10	.15	.60	2.25	8.85
80½.	WISCONSIN HOLLANDER. The cabbage that will make Wisconsin famous.	.20	.35	1.30	5.00	
81.	EARLY SUMMER. A great favorite with market gardeners.	.10	.15	.55	1.95	7.50
81½.	EARLY FLAT DUTCH. An extra fine second early.	.10	.15	.50	1.85	7.00
82.	★PREMIUM LATE FLAT DUTCH. An old favorite variety.	.10	.15	.50	1.85	7.25
82½.	EARLY WINNIGSTADT. One of the best for general use—sure to head.	.10	.15	.60	2.25	8.75
83.	PERFECTION DRUMHEAD SAVOY. The best of all the Savoy.	.10	.15	.50	1.85	7.00
83½.	CHINESE CABBAGE. The famous Chinese Celery Cabbage. Illustrated page 40.		.10	.30	1.10	4.25
84.	FOTTLER'S IMPROVED BRUNSWICK. Good both for intermediate and winter use.	.10	.15	.65	2.45	9.50
84½.	COPENHAGEN MARKET. Earliest round-head variety.	.15	.20	.85	3.10	12.00
85.	★OLDS' SELECT DANISH BALL HEAD. The best keeper for winter.	.10	.15	.70	2.60	10.00
85½.	THE HOLLANDER. Fine for late spring and for shipping.	.10	.15	.80	3.00	11.75
86.	DANISH SUMMER BALL HEAD. An excellent second early.	.10	.15	.70	2.50	9.75
86½.	DANISH DARK RED BALL HEAD. Valuable for kraut.	.10	.15	.80	2.95	11.50
87.	OLDS' DANISH SUREHEADER. Sure to head.	.10	.15	.65	2.45	9.50
87½.	OLDS' LONG STEM BALL HEAD. The best Danish-grown seed. Crop failed.					
88.	FILDERKRAUT. Pointed heads; much used for kraut.	.10	.15	.60	2.30	9.00
88½.	GLORY OF ENKHUIZEN. A new variety. Page 39.	.15	.20	.85	3.10	12.00
89.	MAMMOTH ROCK RED. Hard-heading; fine for pickling.	.10	.15	.65	2.35	9.25
86½.	RED DUTCH. A red cabbage for pickling.	.10	.15	.60	2.25	

CAULIFLOWER

Olds' Cauliflower Seed is grown mostly in Denmark and is the best that can be procured. Each packet contains enough seed to produce 200 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. Order by number.



95. **OLDS' EARLIEST OF ALL.** The earliest and quickest growing cauliflower we know of. The plants are of strong growth and produce erect, fine, solid heads—see illustration opposite. Pkt., 15c; 2 pkts., 25c; ¼ oz., 40c; ½ oz., 70c; oz., \$1.35; ¼ lb., \$5.00; ½ pkt., 10c.

90. **★IMPROVED EARLY SNOWBALL.** We know of no better type of this variety—very early, smooth, rounded heads (see illustration above), fine grained, compact and even in size. Pkt., 20c; 2 pkts., 30c; ¼ oz., \$1.00; ½ oz., \$1.50; ½ pkt., 15c.

93. **★DRY WEATHER.** The best all-purpose Cauliflower for every kind of soil. It produces large, solid, pure white heads. It matures about a week later than our Improved Early Snowball, and is especially adapted for growing in a dry location. Pkt., 20c; 2 pkts., 30c; ¼ oz., 75c; ½ oz., \$1.25; oz., \$2.25; ¼ lb., \$8.00; ½ pkt., 15c.

91. **EARLY FAVORITE.** This is a fine strain of cauliflower at a low price for seed. Pkt., 15c; 2 pkts., 25c.

92. **LARGE EARLY ERFORT.** Best for second early, about two weeks later than Early Snowball. Pkt., 15c; 2 pkts., 25c; ¼ oz., 50c; ½ oz., 95c; oz., \$1.65; ¼ lb., \$6.25.

94. **AUTUMN GIANT.** One of the finest late varieties. Heads large, compact and thoroughly protected by the leaves. Pkt., 15c; 2 pkts., 20c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.50; ½ pkt., 10c.

"OLDS' CATALOG TELLS THE TRUTH."

CARROT

Olds' Carrot Seed is grown from carefully selected roots. Each packet contains $\frac{1}{4}$ oz. of seed, sufficient for a row 25 feet long. Three pounds will sow an acre in drills 2 feet apart. Two pounds or more at 5-pound rates. Order by number.



108. **OLDS' HALF LONG STUMP ROOTED.** For smoothness, even shape, absence of rootlets and small tap root, this carrot is unsurpassed. It is early and one of the best for summer use and the home garden. A good keeper and never becomes stringy—illustrated below. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.



100. **DANVERS HALF LONG.** Stump-rooted, bright orange in color and very productive. Easily harvested and a favorite, both for table use and for stock. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50. Not postpaid: 5 lbs., \$6.75.

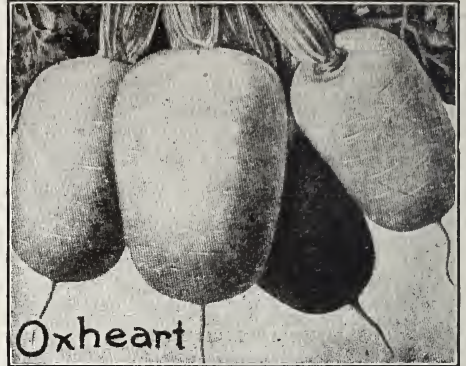
101. **★ EARLY SHORT TOP.** One of the best for family use. An attractive stump-rooted variety and one suited for the home garden. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.65; 2 lbs., \$3.10.

101½. **HALF-LONG RUBICON.** A distinct variety. Satisfactory in shape and color. Earlier than Danvers and a heavy cropper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75. Not postpaid: 5 lbs., \$8.00.



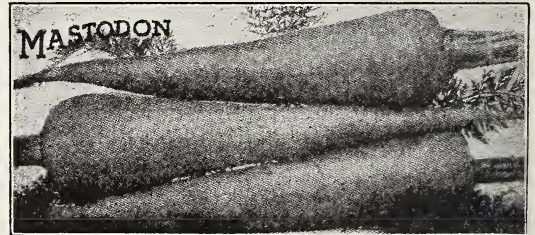
102. **OLDS' IMPROVED LONG ORANGE.** A standard late variety: deep orange color; much improved by selection of the best formed and deepest colored roots. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.45. Not postpaid: 5 lbs., \$6.50.

104. **★ EARLY CHANTENAY.** Very early, and best of all early carrots for the table or market. Grows five or six inches long. Used extensively by market gardeners and primarily a table carrot but also profitable for stock. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50; 2 lbs., \$2.80.



103. **★ OXHEART.** The best all-round carrot. Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities—see illustration above. Equally good for table use or stock. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.45. Not postpaid: 5 lbs., \$6.50.

We pay parcel post charges, to destination, on all garden and flower seed—unless otherwise noted.



112. **THE MASTODON.** The heaviest cropper, yielding more tons to the acre than any other carrot. The flesh is white, solid, crisp and very sweet. Easily harvested and well liked by stock. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.20; 2 lbs., \$2.20.

CARROT. Full List.

Half-pounds at pound rates. Market Gardeners' list for larger quantities.

	pkt.	oz.	By parcel post.			
			$\frac{1}{4}$ lb.	lb.	5 lbs.	
100. ★ DANVERS HALF LONG. A general favorite.	\$0.05	\$0.15	\$0.40	\$1.50	\$7.00	
101. ★ EARLY SHORT TOP. One of the best carrots for home use. ....	.05	.15	.45	1.65	7.75	
101½. HALF-LONG RUBICON. An ideal market gardeners' variety. ....	.05	.15	.50	1.75	8.25	
102. OLDS' IMPROVED LONG ORANGE. The standard late variety. ....	.05	.15	.40	1.45	6.75	
103. ★ OXHEART. The best all-round carrot. ....	.05	.15	.40	1.45	6.75	
104. ★ EARLY CHANTENAY. Best of all early carrots for table and market. ....	.05	.15	.40	1.50	7.00	
105. EARLIEST FRENCH FORCING. Used expressly for forcing. ....	.05	.15	.50	1.75	8.25	
106. EARLY SCARLET SHORT-HORN. A popular early variety. ....	.05	.15	.50	1.85	8.75	
107. INTERMEDIATE OR ST. VALERY. A fine late variety. ....	.05	.10	.35	1.25	5.75	
108. OLDS' HALF-LONG STUMP-ROOTED. One of the best carrots we know of—see illustration and description above. ....	.05	.15	.40	1.50	7.00	
110. LARGE WHITE BELGIAN. A stock carrot; very productive. ....	.05	.10	.35	1.25	5.75	
111. LONG ORANGE BELGIAN. For stock; orange colored roots. ....	.05	.10	.35	1.25	5.75	
112. THE MASTODON. The heaviest cropper. Illustrated above. ....	.05	.10	.35	1.20	5.50	

CHICORY.

130. **LARGE ROOTED.** Fine for salads, with oil and vinegar. The roots make a good substitute for coffee. Pkt., 10c; 2 pkts., 15c; oz., 35c; $\frac{1}{4}$ lb., \$1.15; lb., \$4.50.

130½. **WITLOOF.** (French Endive.) A delicious winter salad, sometimes called French Endive. Also grown for its delicate, tender roots, which can be planted in boxes in the house during the winter. The leaves can be eaten either raw or cooked. Pkt., 15c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.75; lb., \$6.50; $\frac{1}{2}$ pkt., 10c.

COLLARDS.

132. **GEORGIA.** A Southern cabbage. Large, loose heads. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

CORN SALAD.


133. **LARGE SEEDED.** A fine salad and a good substitute for lettuce. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

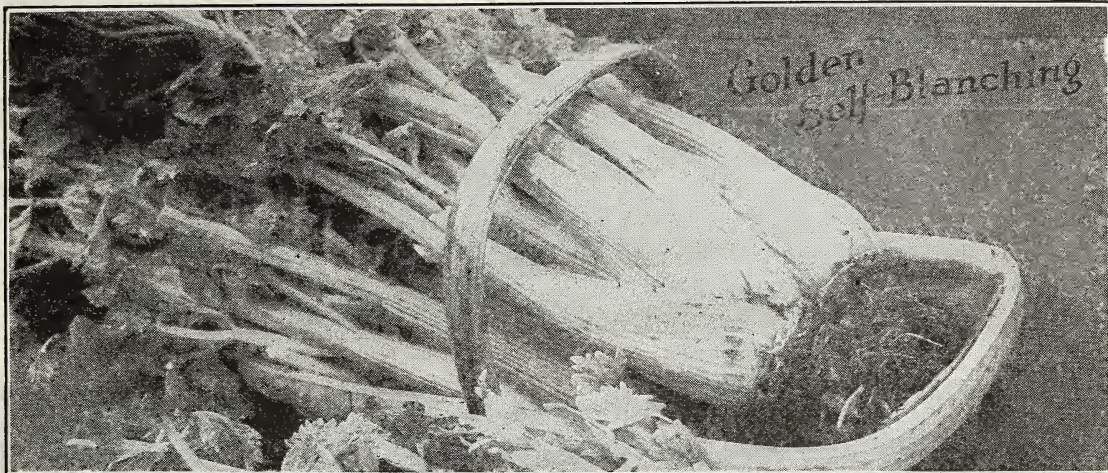
CRESS.

134. **EXTRA CURLED.** (Pepper Grass.) The best variety. Every one should sow a little for early spring use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

REMEMBER We pay the postage on all seeds by the packet, ounce, quarter-pound, pound and up to five pounds in weight unless otherwise noted.

CELERY

Celery seed is slow to germinate. Cover lightly and keep moist. Our packets each contain enough to produce 1,000 plants; 2 ounces of seed sufficient for an acre. Those marked with a star are the varieties we specially recommend. Order by number.  We can furnish celery plants in season—see page 87.



117. ★**GOLDEN SELF-BLANCHING.** 30c; oz., 50c; ¼ lb., \$1.75.

The leading early variety. Pkt., 10c; 2 pkts. (¼ oz.), 15c; ½ oz.,



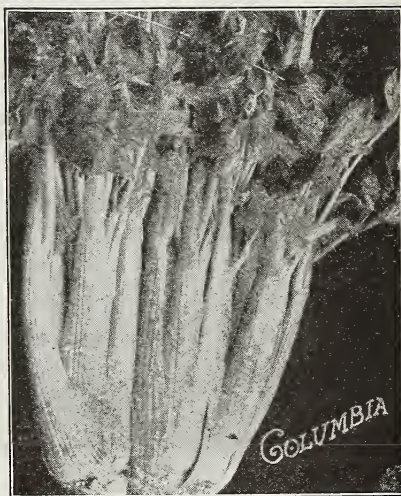
115. **WHITE PLUME.** Olds' select. The earliest celery known.

A great favorite. Its stalks are naturally white, so that the work of blanching is accomplished by simply drawing them together. An excellent sort for fall and early winter use. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 60c.



115½. **EASY BLANCHING.** A distinct variety. The easiest and quickest to blanch. The plants make a quick healthy growth with thick stalks, very tender and brittle; early-maturing, a long keeper and easy to blanch. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c.

123½. **COLUMBIA.** An early variety of fine shape and quality. The plant is of medium height and very stocky. Stalks are thick and almost round; color a rich yellow. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 70c.



CELERY. Full List.

One pound of any variety at ¾ times the price of ¼ lb. ½ lbs. at lb. rates.

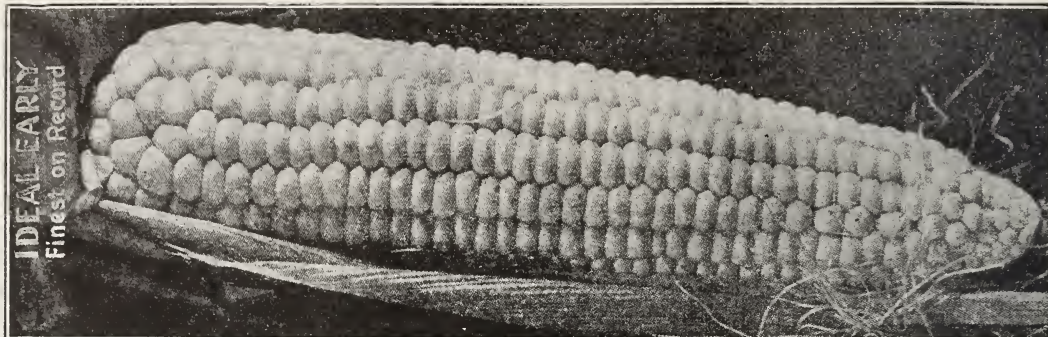
By parcel post.

	pkt.	½ oz.	oz.	¼ lb.
115. WHITE PLUME. Olds' Select. The earliest celery known.....	\$0.05	\$0.15	\$0.20	\$0.60
115½. ★ EASY-BLANCHING. A distinct variety. Easy and quick to blanch.....	.05	.15	.25	.80
116. PINK PLUME. A strong, healthy, compact grower; solid and crisp.....	.05	.15	.25	.90
117. ★ GOLDEN SELF-BLANCHING. The leading early variety.....	.10	.30	.50	1.75
118. GIANT PASCAL. Best for fall and winter use. Stalks are very large.....	.05	.15	.20	.55
119. OLDS' NEW ROSE. The best red celery; very solid.....	.05	.15	.25	.70
120. DWARF GOLDEN HEART. A standard variety, grown for market.....	.05	.15	.20	.55
120½. MAGNIFICENT. A late variety; noted for its keeping qualities.....	.05	.15	.25	.70
121. ★ WINTER QUEEN. A most desirable variety for winter use.....	.05	.15	.20	.50
122. ★ SNOW WHITE. A free blancher and not subject to rust. Of good size and without a rival in purity of color.....	.05	.15	.25	.70
123. SILVER SELF-BLANCHING. A white self-blanching celery, combining the grand qualities of Golden Self-Blanching and White Plume.....	.05	.15	.25	.80
123½. COLUMBIA. Described and illustrated above.....	.05	.15	.25	.70
124. CELERY FOR SEASONING. Good, clean seed.....	.10	.15	.40	

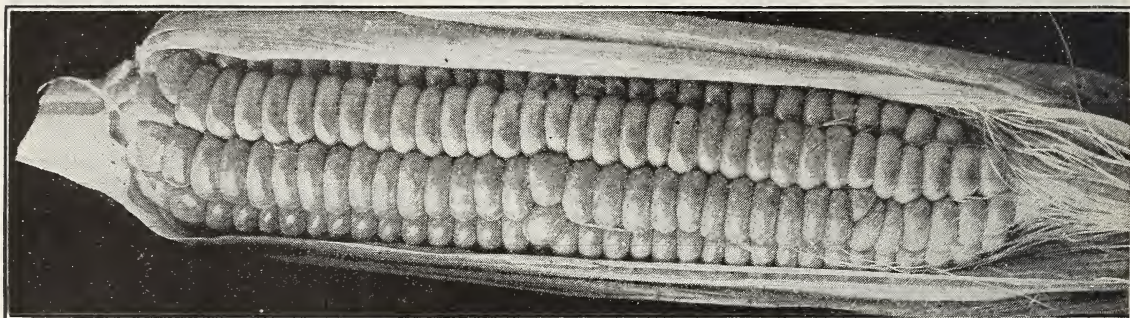
CELERIAIC. 125. **NEW GIANT PRAGUE.** The largest and best sort grown. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c; lb., \$3.00.

SWEET CORN

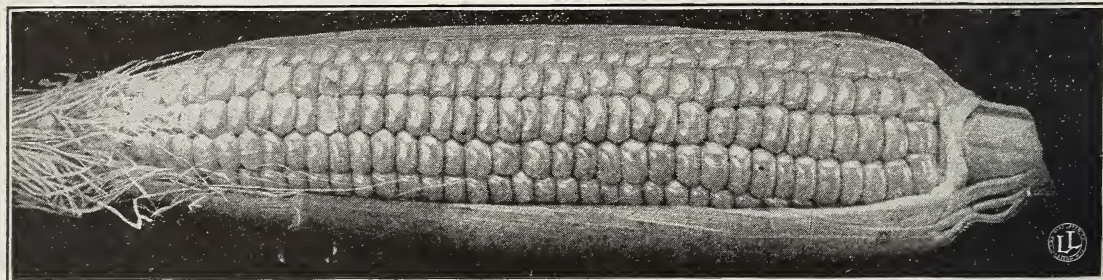
Our Sweet or Sugar Corn is properly cured and first class in every respect. Plant at intervals of two weeks until July. Our packets contain $1\frac{1}{2}$ ounces, sufficient to plant 15 to 25 hills. One peck (11 lbs.) will plant an acre in hills. Order by number.



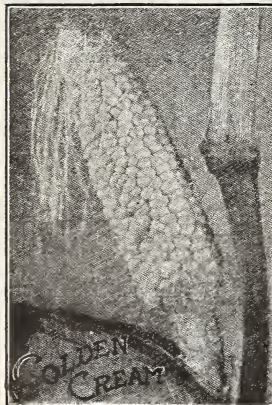
Olds' Ideal Early. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 30c; $1\frac{1}{2}$ lbs., 50c.



Golden Bantam. Pkt., 10c; 3 pkts., 15c; $\frac{3}{4}$ lb., 25c; $1\frac{1}{2}$ lbs., 45c.



Bantam Evergreen. Pkt., 10c; 2 pkts., 15c; $\frac{3}{4}$ lb., 25c; $1\frac{1}{2}$ lbs., 45c.

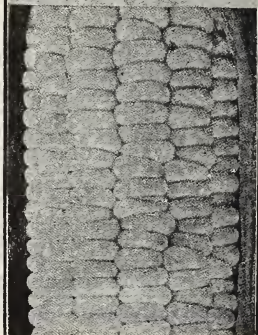


137. OLDS IDEAL EARLY. A true Sweet corn. We offered this corn first in 1907 by sample packet only; since then we have been carefully selecting our stock seed and all the time improving it, until now we think we have the finest variety of sweet corn known to the seed trade today. It withstands drought remarkably well and adapts itself to any kind of soil. The stalks average six feet in height, producing two and often three good ears to a stalk. The ears are almost as large as those of Stowell's Evergreen. Pkt., 10c; 2 pkts., 15c; 3 pkts., ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 30c; $1\frac{1}{2}$ lbs., 50c.

141½. GOLDEN CREAM. A distinct variety. A cross between Golden Bantam and Country Gentleman. The ear is similar in appearance to Country Gentleman—see illustration, but the color is a rich cream, cooking to a light golden yellow. The flavor is rich, nut-like and delicious. Stalks make a rapid growth, producing from 2 to 4 ears each. This new variety possesses genuine merit. Pkt., 10c; 3 pkts. ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 25c; $1\frac{1}{2}$ lbs., 45c.

135. PEEP O'DAY. A Good Extra Early. "Earliest on earth." Originated in Minnesota; ears 5 inches long, perfectly formed, and well filled. Very tender and sweet. Pkt., 10c; 3 pkts., ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 25c; $1\frac{1}{2}$ lbs., 45c.

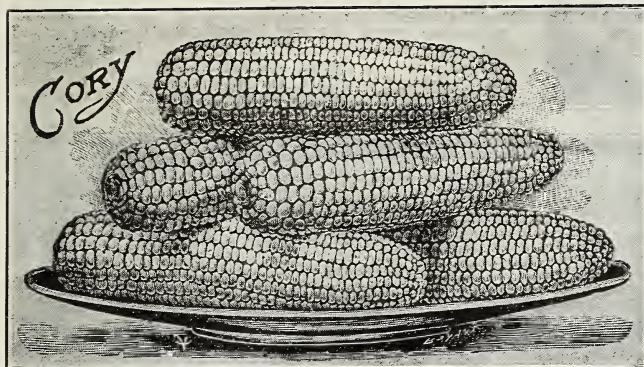
PEEP O'DAY
Earliest on record.



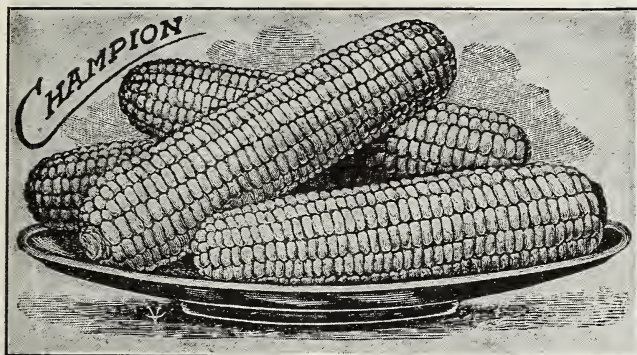
THE BEST SWEET CORN FOR SUCCESSION.

For a succession of sweet corn throughout the entire season plant at the same time: **MAMMOTH WHITE CORY** (136), **EARLY CHAMPION** (139) and **STOWELL'S EVERGREEN** (147).

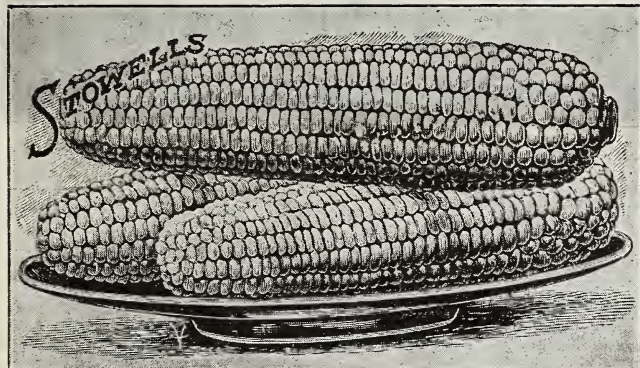
One pkt., each 20c; $\frac{1}{4}$ lb., each, 45c; $\frac{3}{4}$ lb., each, 65c; $1\frac{1}{2}$ lbs., each, \$1.25. Not postpaid: $1\frac{1}{2}$ lbs., each, \$1.00.




136. **MAMMOTH WHITE CORY.** One of the earliest varieties. Pkt., 10c; 3 pkts., ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 25c; $1\frac{1}{2}$ lbs., 45c.



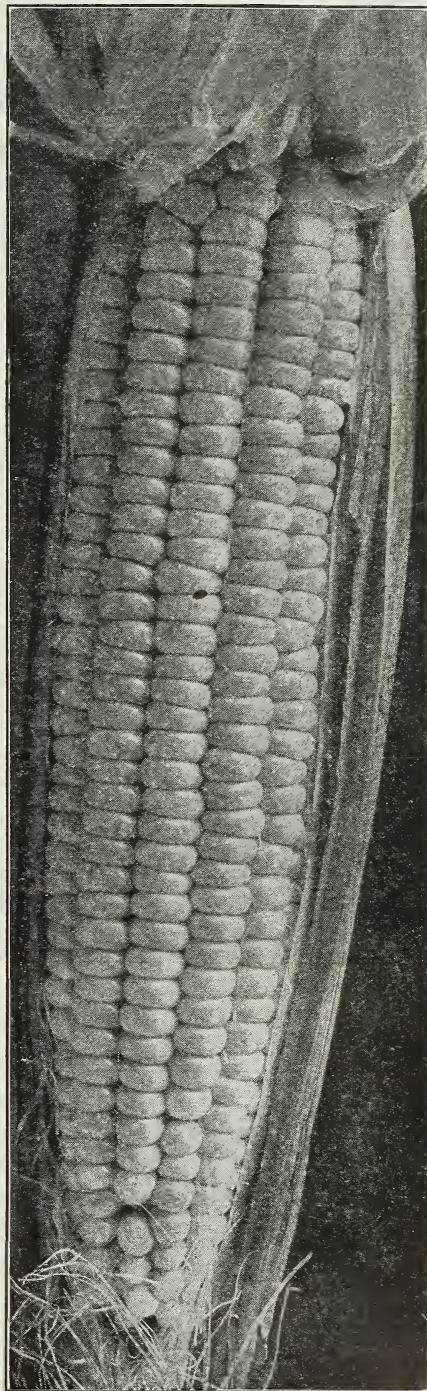
139. **EARLY CHAMPION.** The largest eared early sweet corn. Pkt., 10c; 3 pkts., ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 25c; $1\frac{1}{2}$ lbs., 45c.



147. **STOWELL'S EVERGREEN.** The best late sweet corn for all purposes. Pkt., 10c; 3 pkts., ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 25c; $1\frac{1}{2}$ lbs., 45c.

 145. **★OLDS' EARLY EVERGREEN.** Like Stowell's Evergreen, only ten days earlier. Large handsome ears, about 8 inches long (see illustration) and identical in flavor with the famous Stowell's Evergreen. This variety is indispensable to the market gardener and equally desirable for the home garden. Pkt., 10c; 3 pkts., ($\frac{1}{4}$ lb.), 20c; $\frac{3}{4}$ lb., 25c; $1\frac{1}{2}$ lbs., 45c.

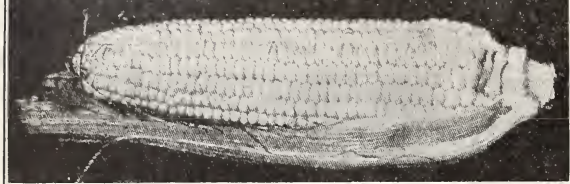
Sweet Corn varies in weight from 40 to 46 lbs., to the measured bushel (according to variety). Heretofore we have sold by measure, but now we are selling by weight. See next page for the weight, per measured bushel, of each variety.



Olds' Early Evergreen, Pkt., 10c.

"OLDS' CATALOG TELLS THE TRUTH."

NARROW GRAINED EVERGREEN

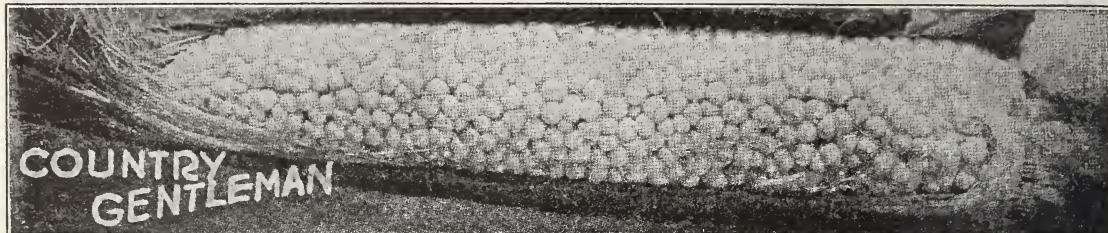


141½. NARROW GRAINED EVERGREEN.

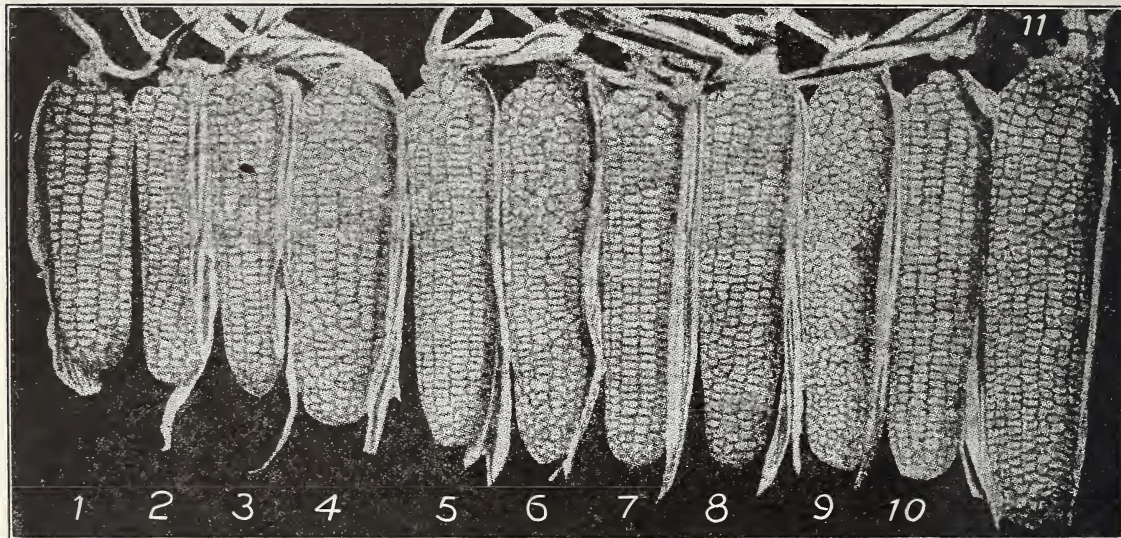
A splendid high quality evergreen. Slightly earlier than Stowell's, ears nearly as large, with small cob with from 18 to 20 rows of very deep narrow white grains. One of the best canning sorts, also a very desirable variety for market gardeners—see illustrations. Pkt., 10c; 3 pkts. (¼ lb.), 20c; ¾ lb., 25c; 1½ lbs., 45c.

HOW TO PICK SWEET CORN. To have the finest sweet corn, you must pick it when in just the right condition, that is, when the skin of the grain breaks at the slightest puncture and plantings should be made often enough to have always a supply at this stage.

COUNTRY GENTLEMAN



139½. Country Gentleman. Pkt., 10c; 3 pkts. (¼ lb.), 20c; ½ lb., 30c; ¾ lb., 50c.



SWEET CORN. Full List.

¾ lbs., one pt., 1½ lbs., one qt.; 5½ lbs., one-half pk.; 11 lbs., one pk.; 45 lbs., one bu., except where noted.

	pkt.	By parcel post.			By exp. or frt., not prepaid.		
		¾ lbs.	1½ lbs.		1½ lbs.	5½ lbs.	11 lbs.
135. PEEP O' DAY. Earliest of all. Fig. 2.....	\$.10	\$0.25	\$0.45	\$0.35	\$1.15	\$2.25	
136. MAMMOTH WHITE CORY. One of the earliest varieties Fig. 4.....	.10	.25	.45	.35	1.20	2.30	
137. ★OLDS' IDEAL EARLY. The best early sweet corn. Fig 5, also page 44...	.15	.30	.50	.40	1.30	2.55	
138. EARLY MINNESOTA. A standard early variety. Fig. 7.....	.10	.25	.45	.35	1.10	2.10	
138½. HOWLING MOB. A large eared early variety.....	.10	.25	.45	.35	1.20	2.30	
139. ★EARLY CHAMPION. The largest-eared early sweet corn. Fig. 10.....	.10	.25	.45	.35	1.20	2.30	
139½. COUNTRY GENTLEMAN. The sweetest corn grown. Fig. 9... Bu. 44 lbs	.10	.25	.45	.35	1.30	2.55	
140. KENDEL'S EARLY GIANT. Large handsome ears.....	.10	.25	.45	.35	1.10	2.10	
140½. BLACK MEXICAN. Medium early; sweet and tender.....	.10	.25	.45	.35	1.25	2.40	
141. PREMO. Claimed to be the best early sweet corn. Fig. 3.....	.10	.30	.55	.45	1.50	3.00	
141½. GOLDEN CREAM. A distinct variety. See page 44.....	.10	.25	.45	.35	1.20	2.30	
142. GOLDEN BANTAM. Burpee's. Fig. 1.....	.10	.25	.45	.35	1.25	2.40	
142½. BANTAM EVERGREEN. One of the sweetest of sweet corns... Bu. 44 lbs.	.10	.25	.45	.35	1.15	2.15	
143. CROSBY'S EARLY. A favorite with canners.....	.10	.25	.45	.35	1.10	2.10	
143½. HICKOX IMPROVED. A popular canning variety. Fig. 6.....	.10	.25	.45	.35	1.10	2.10	
144. ★WHITE MEXICAN. The best early market variety.....	.10	.25	.45	.35	1.20	2.35	
144½. NARROW GRAINED EVERGREEN. A splendid high quality Evergreen...	.10	.25	.45	.35	1.10	2.10	
145. ★OLDS' EARLY EVERGREEN. Fig. 8, and page 46..... Bu. 42 lbs.	.10	.25	.45	.35	1.10	2.15	
146. WHITE EVERGREEN. A new variety. Pure white.....	.10	.25	.45	.35	1.10	2.10	
147. STOWELL'S EVERGREEN. The best late sweet corn.....	.10	.25	.45	.35	1.15	2.20	
148. ZIG-ZAG EVERGREEN. Large kernels, very sweet.....	.10	.25	.45	.35	1.10	2.10	
149. LATE MAMMOTH. The largest-eared variety. Fig. 11.....	.10	.25	.45	.35	1.10	2.10	

Prices named above are for 5½ lbs., and 11 lbs. of all varieties regardless of weight per bushel.

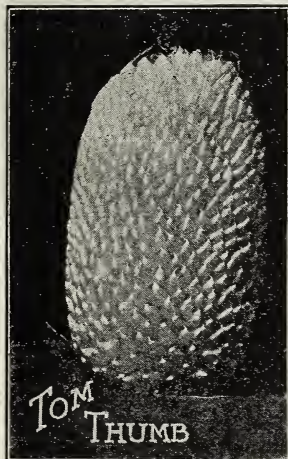
POP CORN AND PEANUTS

Any boy or girl sending us an order amounting to 25 cents or more, can have a packet of Red Beauty Pop Corn FREE.

Any boy or girl sending us an order amounting to 50 cents or more can have a packet of Mammoth Peanuts and a packet of Pop Corn FREE. Be sure and ask for them when you order.

POP CORN.

150. OLDS' IMPROVED WHITE RICE. Every grower of pop corn is acquainted with White Rice. It is the most popular variety, and always commands the highest price. Pkt., 10c; 3 pkts., (1/4 lb., 20c; lb. 40c; 2 lbs., 75c. By express or freight, not postpaid: Lb., 35c; 2 lbs., 65c; 5 lbs. or more, 25c per lb.

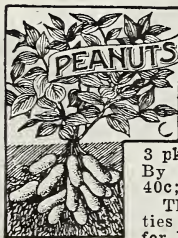


154 1/2. ★ TOM THUMB. Dwarf Rice. The Tom Thumb is a dwarf growing, White Rice Pop Corn. It is a heavy yielder and very attractive—see illustration opposite. Is ready for popping soon after it is husked and does not have to dry until the second year, like other varieties. It is almost hullless and when popped there is absolutely no hard center. The stalks grow about five feet high and bear 2 or 3 perfect ears each. Ears are very uniform in size and nearly white in color. The Tom Thumb is a new variety and well worthy of a trial. Price for 1919: Pkt., 10c; 3 pkts., (1/4 lb.), 25c; lb., 50; 2 lbs., 95c. Not postpaid: Lb., 45c; 2 lbs., 85c; 5 lbs. or more, 35c per lb.

OTHER VARIETIES.

- Pkt., 10; 3 pkts. (1/4 lb.), 20c; lb., 40c; 2 lbs., 75.
151. QUEEN'S GOLDEN. Largest and most productive.
152. RED BEAUTY. A new red rice pop corn.
153. MAPLEDALE PROLIFIC. Crop failed.
154. BLUE BEAUTY. A new early pop corn.

PEANUTS.



315. ★ MAMMOTH VIRGINIA. The largest, sweetest and heaviest yielding variety. (See illustration opposite.) Every boy and girl can grow their own peanuts here in the North. Erect stems and upright foliage; more easily cultivated and much more profitable than the common spreading sort. Large pkt., 10c; 3 pkts., (1/4 lb.), 20c; 1/2 lb., 25c; lb., 45c; By express or freight, not postpaid: Lb., 40c; 5 lbs. or more, 30c per lb.

Those marked with a star are the varieties we specially recommend. See page 44, for No. 137.



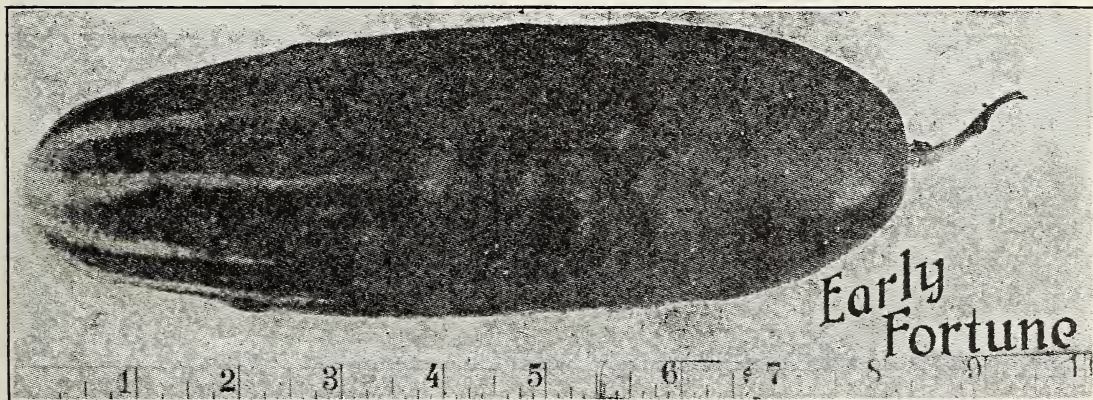
Spanish Peanuts.

316. IMPROVED SPANISH.

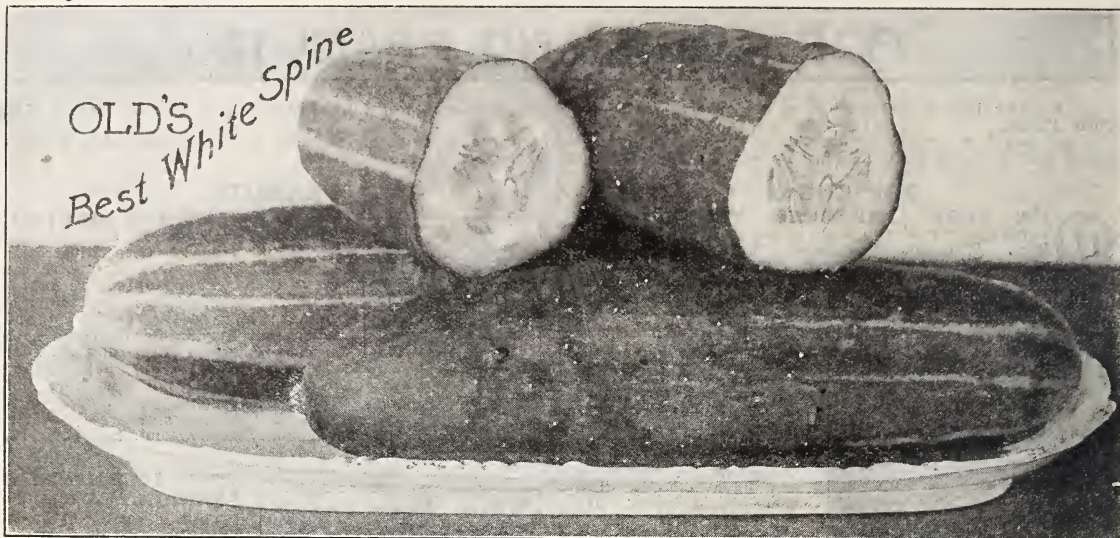
The Spanish Peanut is small but has a feeding value, is a nitrogen gatherer and is an improver of land. It grows an upright bush and the peanuts are clustered thick around the roots. It is very productive, well adapted to the North; and is easily harvested. If the tops are cut and cured before frost, they make hay, almost equal in value to alfalfa. Our seed has been harvested, graded and washed by hand and is the best that can be procured. Large pkt., 10c; 3 pkts., (1/4 lb.), 20c; 1/2 lb., 25c; lb., 45. Not postpaid: Lb., 25c; 5 lbs. or more, 20c per lb.

CUCUMBER

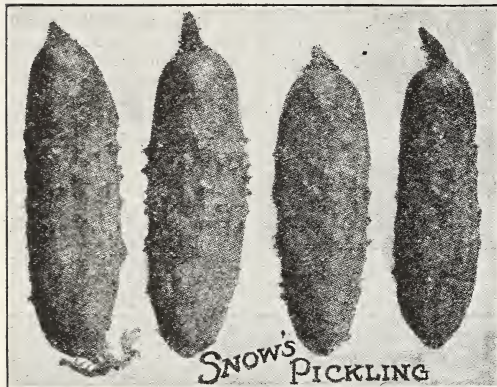
Our cucumber seed is grown from thoroughbred stocks carefully selected. Our packets each contain 1/4 oz. of seed; sufficient to plant from 12 to 15 hills; 2 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Use Bug Death on cucumber and other vine crops. Page 94



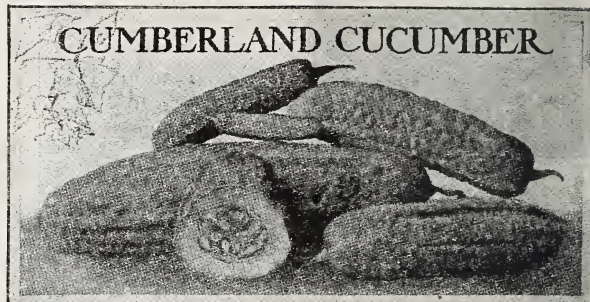
160 1/2. ★ EARLY FORTUNE. One of the best cucumbers that has been introduced in years and destined to take the place of many of the old-time strains of White Spine. It has a very dark green skin, is thick flesh, tender and sweet. It is early, productive and of strong growth. Withstands blight and brings its fruit to full size and perfection. Pkt., 5c; oz., 10c; 1/4 lb., 35c; lb., \$1.25. Not postpaid: 2 lbs. or more \$1.10 per lb.



164. OLDS' SELECT WHITE SPINE. This is our best White Spine Cucumber. It is an extra select strain. Almost cylindrical in shape; slightly pointed at the ends. See illustration above. Very productive, fruits dark green in color and very uniform in shape. Most excellent for slicing. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.15.

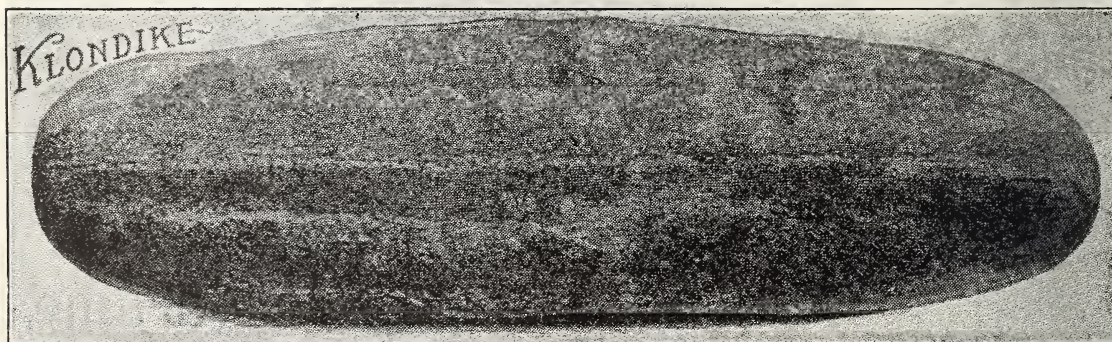


157½. SNOW'S PICKLING. An early maturing variety. It is small, dark green and very popular with many growers. It resists blight and makes an ideal bottle pickle. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.



163. ★CUMBERLAND. The best pickling cucumber known; very prolific, with few seeds, and fine for both slicing and pickling. The Cumberland is a rapid, strong grower, producing fruit very straight and symmetrical in form (see illustration). The flesh is firm, crisp and tender at all stages. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.20. Not postpaid: 2 lbs. or more, \$1.05 per lb.

See page 50 for full and complete list of cucumbers.



162½. KLONDIKE. A new variety, dark green in color and most excellent for slicing. The vines are vigorous and productive. The fruits when mature are about eight inches long, uniform in shape and blunt at the ends. The Klondike is an early variety, hardy and prolific, attractive in appearance and retaining the rich dark green color and crispness for a long time. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25. Not postpaid: 2 lbs. or more, \$1.10 per lb.

ORDER EARLY. Get seed in hand before planting time.

WHITE
SPINE



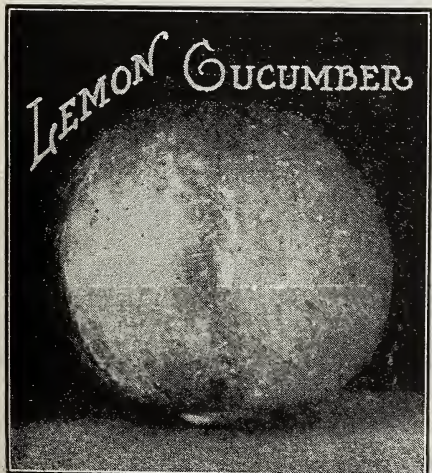
160. **EXTRA EARLY WHITE SPINE.** An extra early white spine; popular and a favorite with everyone. Unsurpassed for table use; also used for pickling; very productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00. Not postpaid: 2 lbs. or more, 85c per lb.



158. **OLDS' IMPROVED CHICAGO PICKLING.** Used almost exclusively by the factories about Chicago. It is of medium length, pointed at both ends; color deep green; begins to set its fruit when the vines are quite young. Also valuable for slicing; fine flavor; never overgrown and seedy. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00. Not postpaid: 2 lbs. or more, 85c per lb.



169. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.65.



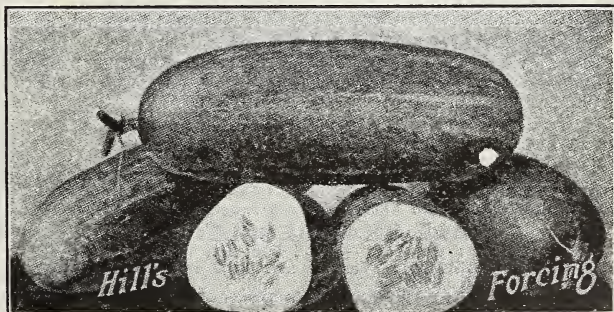
162. **GOOD AND CRISP.**

An early variety; very prolific. It has a dark green skin and is covered with knobs upon which the spines set; this gives it a fine appearance for pickling. It is also a fine table variety; tender and crisp. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.10. Not postpaid: 2 lbs. or more 95c per lb.



172½. **LEMON CUCUMBER.**

The Garden Lemon. The Lemon Cucumber resembles a lemon in shape, color and size—see illustration; grows on a vine like a cucumber. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.30.



158½. **HILL'S FORCING WHITE SPINE.** We believe this is the most uniform shaped and the best forcing, dark green cucumber grown. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00. Not postpaid: 2 lbs. or more, 85c.

CUCUMBER. Full List.

Half-pounds at pound rates. Market gardeners' list for prices on larger quantities.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
155.	EARLY FRAME. An old and most popular variety; very productive.....	\$0.05	\$0.10	\$0.30	\$1.00
156.	EARLY GREEN CLUSTER. Fine for small pickles.....	.05	.10	.30	1.10
157.	FORDHOOK PICKLING. One of the best and very prolific.....	.05	.10	.35	1.15
157½.	SNOW'S PICKLING. See page 48 for description and illustration.....	.05	.10	.35	1.25
158.	OLDS' IMPROVED CHICAGO PICKLING. Page 49.....	.05	.10	.30	1.00
158½.	HILL'S FORCING WHITE SPINE. The best dark green forcing variety.....	.05	.10	.30	1.00
159.	PERFECTED JERSEY PICKLE. Excellent for pickles.....	.05	.10	.30	1.00
160.	EXTRA EARLY WHITE SPINE. Useful for pickling, also table use.....	.05	.10	.30	1.00
160½.	★EARLY FORTUNE: One of the best cucumbers of recent introduction. Page 47.....	.05	.10	.35	1.25
161.	ARLINGTON WHITE SPINE. A fine strain of White Spine.....	.05	.10	.30	1.00
162.	COOL AND CRISP. Extra early, excellent for pickling or slicing.....	.05	.10	.30	1.10
162½.	KLONDIKE. The best dark green variety for slicing. Page 48.....	.05	.10	.35	1.25
163.	★CUMBERLAND. The best pickling cucumber known.....	.05	.10	.35	1.20
164.	★OLDS' SELECT WHITE SPINE. Our best White Spine.....	.05	.10	.35	1.15
165.	OLDS' IMPROVED LONG GREEN. One of the best for pickles.....	.05	.15	.40	1.45
166.	THORBURN'S EVERBEARING. A continuous bearer.....	.05	.10	.35	1.25
167.	LIVINGSTON'S EMERALD. Large, smooth, and deep green.....	.05	.10	.35	1.20
168.	★EARLY CYCLONE. King of the Earliest.....	.05	.10	.35	1.15
169.	★DAVIS PERFECT. Unequaled for color, shape and productiveness.....	.05	.15	.45	1.65
170.	JAPANESE CLIMBING. Can be trained upon a trellis or poles.....	.05	.10	.35	1.20
171.	WEST INDIA GHERKIN or BURR. Small prickly fruits.....	.05	.15	.40	1.45
172.	GIANT PERA. Large, long, smooth; flesh clear, crisp and tender.....	.05	.15	.40	1.35
172½.	LEMON. The Garden Lemon. Crisp and tender. Page 49.....	.05	.15	.40	1.30
173.	PARISIAN PICKLING. A distinct variety.....	.05	.15	.40	1.35
174.	OLDS' MIXED. Cucumbers the entire season.....	.05	.10	.25	.85

EGG PLANT



High Bush Egg Plant. Pkt., 5c.

Egg plants are easily cultivated, but should not be transplanted until the weather is assured. We can furnish plants in season—see page 87. Our packets each contain seed sufficient to produce from 100 to 150 plants. ¼ lb. will furnish plants enough to set one acre.

180. NEW YORK IMPROVED.
Very large, smooth and spineless. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.15.

181. ★BLACK BEAUTY. The best early market variety. Also the best for home use. It is fully ten days earlier than the New York Improved, very attractive in appearance and entirely spineless. The fruits set freely and develop quickly, so that the entire crop can be gathered before frost. Pkt. 10c; 2 pkts., 15c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.25.

183. FLORIDA HIGH BUSH.
A new variety of medium size; see illustration. It resists drought and the fruits are held well off the ground on strong upright plants. Is very productive, a good shipper and not as liable to rot as the low bush varieties. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 90c.



ENDIVE.

Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35.

- 185. GREEN CURLED. Dark green leaves; blanches white.
- 186. WHITE CURLED. Leaves finely cut and almost white.
- 187. BROAD-LEAVED BATAVIAN. Leaves broad and thick.

USEFUL GOURDS.

Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

- 190. JAPANESE NEST-EGG. These resemble hens' eggs in color, form and size; they make the very best nest eggs.
- 191. SUGAR TROUGH. Useful for many household purposes.
- 192. THE DIPPER. Long fruits, straight or slightly crooked.
- 193. HERCULES CLUB. Ornamental as well as useful.
- 194. ORANGE. The size and shape of an orange.
- 195. PEAR-SHAPED. Striped yellow and green.
- 196. APPLE-SHAPED. Beautifully striped.
- 199. MIXED. All the above and other varieties mixed.

KALE OR BORECOLE.

Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.85.

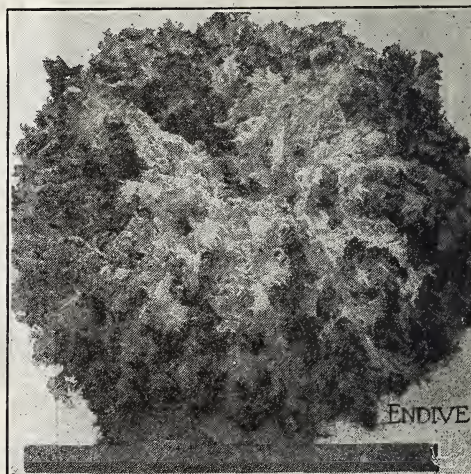
- 200. DWARF GERMAN. Very hardy, with dark green leaves; much improved by frost.
- 201. DWARF CURLED SCOTCH. Dwarf, beautifully curled, bright green and very hardy.

KOHL RABI. TURNIP CABBAGE.

Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 80c; lb., \$3.00.

- 205. EARLY WHITE VIENNA. Probably the best early variety.
- 206. PURPLE VIENNA. A popular variety for table use.

For the best variety of LEEK—see page 56.



LETTUCE

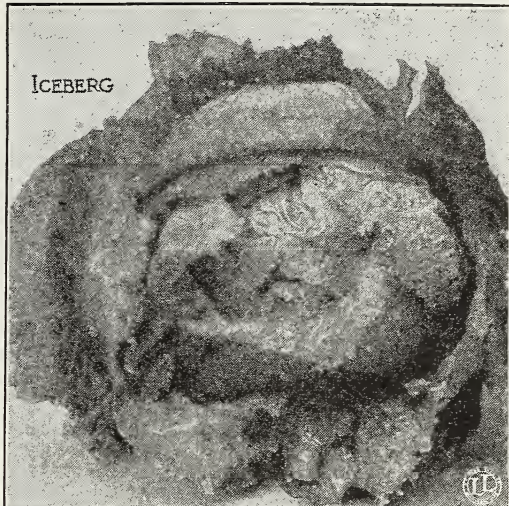
Our lettuce seed is grown by the most careful seed growers in California. Our packets each contain $\frac{1}{4}$ oz. of seed, sufficient for from 25 to 30 feet of drill; 3 lbs. will seed one acre. Order by number.



GRAND RAPIDS



215. GRAND RAPIDS. (Olds' Earliest Forcing.) The best variety for forcing. It does not form heads but makes a rapid upright growth of loose leaves—see illustration above. Very crisp, tender and delicious. Useful for outdoor planting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.20.



ICEBERG



216. ICEBERG. A beautiful head lettuce—see illustration above. The leaves turn in, causing thorough blanching. Crisp, tender and of fine flavor. It is quick growing and always crisp and tender even in hot weather. Heads large, firm and solid. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35.

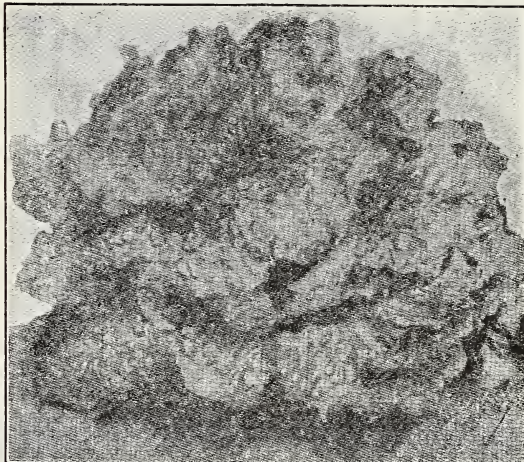


Early Prize Head

220. ★EARLY PRIZE HEAD. A splendid lettuce for home use—see illustration above. It forms a large, tender, crisp, loose leaf head of bright crimped leaves tinged with brownish red; remains good throughout the entire season. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 95c.

223. ★UNRIVALED. This new lettuce comes nearer combining all the qualities required by a market gardener than any other sort we know of. It is early, large, attractive in color, and resists the summer heat. It can be sown almost the whole year round, and is crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

COMMISSION SEEDS. We do not put out seeds on commission. Olds' seeds are put up fresh, every year and sold outright. Commission seeds are put up and placed on sale, in the stores throughout the country in August, long before the new crop of seeds is harvested. Therefore the seeds are at least one year old before they are put into packets.



219. BLACK-SEEDED SIMPSON. The most popular loose leaf variety; crisp and tender. It grows a fine green leaf and the inner leaves form a loose head—see illustration above; very tender and crisp. The most desirable all-round lettuce. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c.

231. PARIS WHITE COS. The best of the Cos or celery varieties. The leaves are light-green, well folded and make quite a solid head—see illustration on page 52. One of the finest varieties for summer use; the leaves should be tied up for a few days to facilitate blanching. There is an increasing demand every year for this type of lettuce. White Cos is crisp and tender, and highly prized. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35.

No vegetables bought from the stores, are ever quite like those gathered from the garden. The rich sweet flavor and fragrant aroma from freshly gathered vegetables when cooked, sharpens the appetite and adds zest and relish to all the family and their friends.



Big Boston

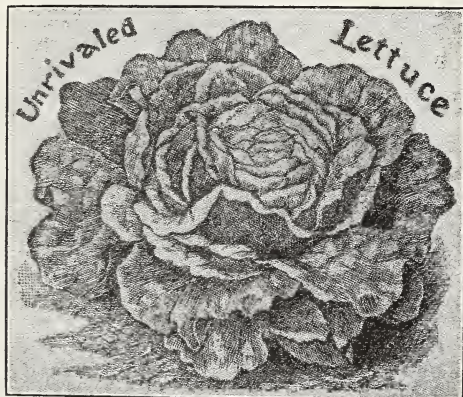
222. **BIG BOSTON.** The best large-heading variety; suitable for forcing. It produces fine, large, yellow heads—see illustration. The leaves are white, crisp, tender and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.10.

224. **BLACK SEEDED BIG BOSTON.** An improved shipping strain of the Big Boston. Leaves slightly smaller; heads harder; does not rot as quickly in cold, rainy weather. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

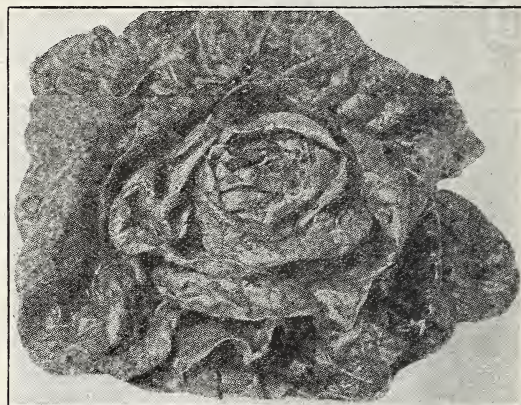
226. **OLDS' GOLDEN QUEEN.** One of the best first early varieties. It is a head lettuce, but also makes a good forcing sort, producing medium sized, golden-yellow heads, solid, crisp and tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.



Paris White Cos. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.



Unrivalled. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c.



227. **★MAY KING.** The best early heading variety. The inner leaves are tightly folded—see illustration above, of good substance and of a rich yellow color. It is hardy, early and a quick grower. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c.

LETTUCE. Full List.

Market Gardeners' list for larger quantities. Half pounds at pound rates.

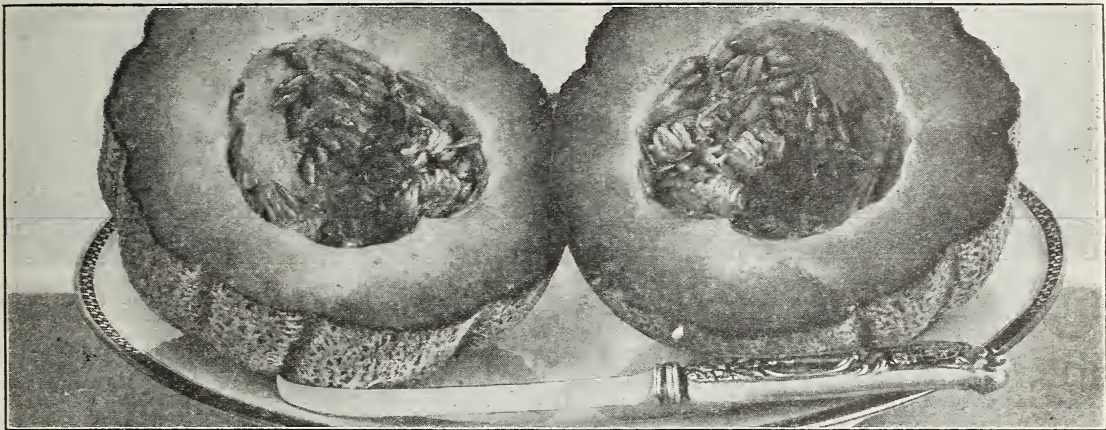
	Parcel post.			
	pkt.	oz.	$\frac{1}{4}$ lb.	lb.
215. ★GRAND RAPIDS. (Olds' Earliest Forcing). The best forcing variety	\$0.05	\$0.10	\$0.35	\$1.20
216. ICEBERG. Solid heads, with leaves always crisp and tender	.05	.15	.40	1.35
217. IMPROVED HANSON. Heads solid, crisp and tender	.05	.10	.35	1.25
218. IMMENSITY. A new variety; large and heat-resisting	.05	.10	.35	1.25
219. BLACK-SEEDED SIMPSON. A popular variety; crisp and tender	.05	.10	.30	1.00
220. ★EARLY PRIZE HEAD. Splendid for family use	.05	.10	.25	.95
221. EARLY CURLED SIMPSON. Fine for cutting, and for home use	.05	.10	.35	1.15
222. BIG BOSTON. The best large-headed variety for forcing	.05	.10	.30	1.10
223. ★UNRIVALED. It is early, attractive and resists heat	.05	.10	.35	1.25
224. BLACK SEEDED BIG BOSTON. An improved strain of Big Boston	.05	.15	.50	1.75
225. CALIFORNIA CREAM BUTTER. Extra fine	.05	.15	.40	1.35
226. OLDS' GOLDEN QUEEN. One of the best first early varieties	.05	.15	.40	1.50
227. ★MAY KING. The best early-heading variety. Can also be used for forcing	.05	.15	.40	1.35
228. ALL THE YEAR ROUND. One of the best varieties for market	.05	.10	.35	1.25
229. OAK LEAVED. Light green, in shape like an oak leaf	.05	.15	.40	1.50
230. TILTON'S WHITE STAR. A distinct variety of Black-Seeded Simpson	.05	.10	.35	1.25
231. PARIS WHITE COS. Produces long, pointed heads; compact leaves	.05	.15	.40	1.35
234. OLDS' LETTUCE MIXTURE. Salad throughout the whole season with one sowing	.05	.10	.25	.85

OLD LETTUCE SEED FOR BIRDS. Lb., 50c; postpaid. Not prepaid: 5 lbs. or more, 35c per lb.

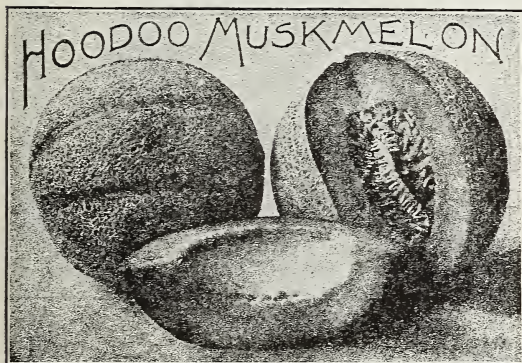
IT PAYS TO PLANT OLDS' SEEDS.

MUSKMELON

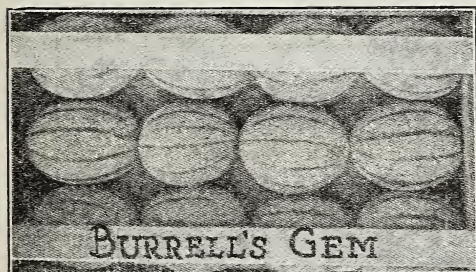
Our Muskmelon Seed is the best that can be grown. Each packet contains $\frac{1}{4}$ oz. of seed, enough to plant from 10 to 15 hills; 2 to 3 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Order by number.



244. **★OLDS' ROCKY FORD** or **NETTED GEM**. The melon that has made Rocky Ford Famous. Illustrated above. The Rocky Ford is probably in greater demand than any other one melon, and much seed of this variety is offered every year at a low price, by careless growers. Our seed is carefully grown from selected stock seed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25. Not postpaid: 2 lbs. or more, \$1.10 per lb.



247. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.15.

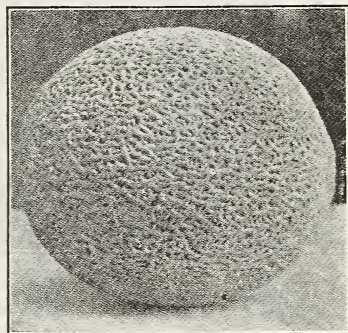


242. **BURRELL'S GEM**. The golden fleshed Rocky Ford. Burrell's Gem, which is an improved Rocky Ford, averages 2 lbs. in weight, 6 inches in length and $4\frac{1}{2}$ inches across. It is very solid and has a small seed cavity. The flesh is very thick, fine-grained and spicy. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35.

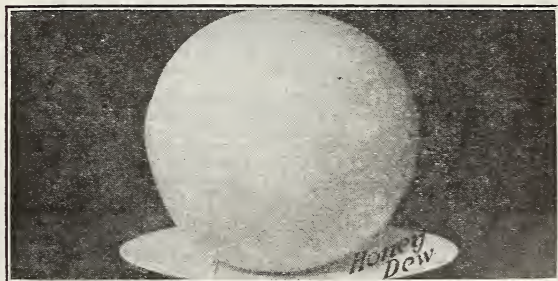
252. **WINTER MUSKMELON**. Golden Beauty Casaba. The Eastern trade prefers it to any other—try it. Pkt., 10c; 2 pkts., 15c; oz., 20c; or order anything from this catalog amounting to \$1.00 or more and we will give free, on request, a packet for trial.

247 $\frac{1}{2}$. **GOLD LINED ROCKY FORD**. One of the sweetest and most delicious melons grown. The flesh is

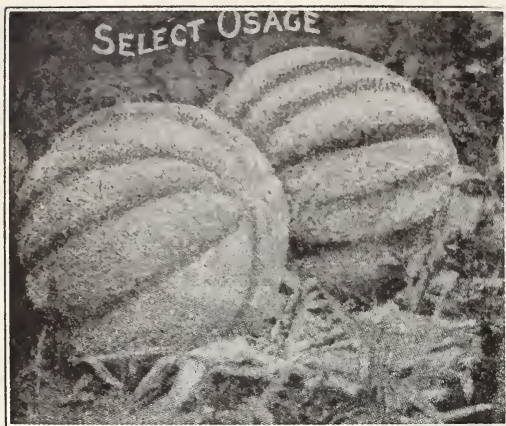
thick, very tender and of a beautiful green color, with a gold margin next to the seed cavity. It is slightly oval in shape, no ribs, and is heavily netted over the entire melon. The Gold Lined is a new melon, recently introduced by one of the most reliable growers of Rocky Ford, Colo. Our seed was grown for us by the originator. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.



244 $\frac{1}{2}$. **TEXAS CANNON BALL**. Round, medium sized, heavily netted. See illustration above. Flesh green, very solid, melting and of delicious flavor. Of all melons this has the smallest seed cavity. Can be shipped any distance. Excellent also for home use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



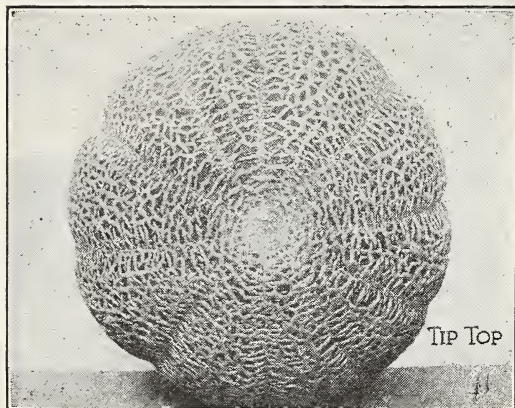
253. **HONEY DEW MELON**. The famous Honey Dew is as sweet as honey and has several flavors, including pineapple, banana and vanilla. See illustration above for size and appearance. Flesh green, very thick, melting and fine grained. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$2.00.



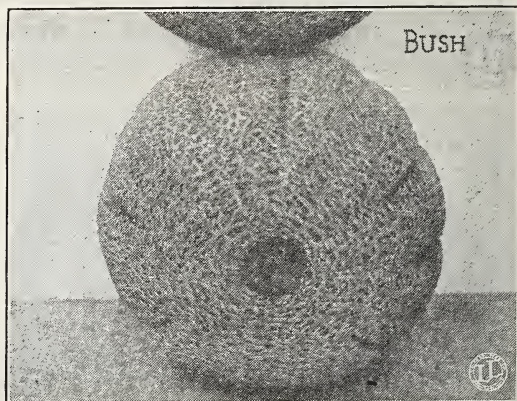
239. **★OLDS' SELECT OSAGE.** The most popular melon among our customers—just right for the home garden. The shape is pointed oval, skin slightly netted (see illustration above), with thick salmon-colored flesh, retaining its sweetness close to the rind. Our seed is from selected stock seed. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35. Not postpaid: 2 lbs. or more \$1.20 per lb; 5 lbs., \$5.75.



245. **OLDS' EARLY MODEL.** The perfect Muskmelon. The Model averages about two pounds in weight; is perfect in shape—see illustration. Very productive and possesses all the good qualities of the Rocky Ford. The flesh is green, seed cavity small with few seeds. On account of its size and shape, will bring fancy prices in any market. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25. Not postpaid: 2 lbs. or more at \$1.10 per lb.



254. **TIP TOP.** Handsome in appearance, round in shape, beautifully netted, of excellent flavor, firm, sweet and juicy. Yellow fleshed. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.60.



251. **NEW BUSH.** Distinctly a bush variety. It can be grown in hills three feet apart. The fruit is of the "Jenny Lind" type. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 90c; lb., \$3.50.

MUSKMELON. Complete List.

For larger quantities, see our Market Gardeners' net price list. Half-pounds at pound rates.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
235.	CHICAGO MARKET. Early, of uniform size; green-fleshed.....	\$0.05	\$0.10	\$0.35	\$1.25
236.	EXTRA EARLY HACKENSACK. Earlier and larger than the old Hackensack.....	.05	.15	.40	1.45
237.	BURPEE'S NETTED GEM. Early; small, round and of fine flavor.....	.05	.10	.35	1.25
238.	EMERALD GEM. One of the sweetest melons in cultivation.....	.05	.10	.35	1.25
239.	★OLDS' SELECT OSAGE. The most popular melon with our customers.....	.05	.15	.40	1.35
240.	MONTREAL NUTMEG. A large, late variety, of superior quality.....	.05	.15	.40	1.50
240½.	EXTRA EARLY OSAGE. A new early variety; salmon-colored flesh.....	.05	.15	.45	1.60
241.	CHAMPION MARKET. As early as Netted Gem; large and prolific.....	.05	.10	.35	1.25
242.	BURRELL'S GEM. The golden-fleshed Rocky Ford.....	.05	.15	.40	1.35
243.	★PAUL ROSE or PETOSKEY. Salmon-colored flesh, very sweet and highly flavored.....	.05	.15	.40	1.35
243½.	FORDHOOK. A handsome, new melon; very prolific.....	.05	.15	.40	1.50
244.	★OLDS' ROCKY FORD. The melon that has made Rocky Ford, Colo., famous.....	.05	.10	.35	1.25
244½.	TEXAS CANNON BALL. The melon with the smallest seed cavity. Page 53.....	.05	.10	.30	1.00
245.	★OLDS' EARLY MODEL. The perfect muskmelon; withstands drought.....	.05	.10	.35	1.25
246.	MAMMOTH GIANT. The largest good muskmelon grown. Almost Crop failure.....	.10			
247.	HOODOO MUSKMELON. A good all-purpose melon.....	.05	.10	.35	1.15
247½.	GOLD LINED ROCKY FORD. Thick flesh, with a gold margin next to the seed cavity.....	.05	.15	.40	1.50
248.	GREEN FLESHED OSAGE. Very hardy and prolific.....	.05	.15	.40	1.55
248½.	BANANA. A delicious melon, shaped and flavored like a banana.....	.05	.15	.55	2.00
249.	OLDS' MIXED. A selection of varieties grown separately and the seed mixed together.....	.05	.10	.30	1.00
250.	MANGO MELON. Vegetable Orange or Vine Peach.....	.10	.25	.80	3.00
251.	NEW BUSH. A bush variety—can be planted in hills three feet apart.....	.10	.25	.90	3.50
252.	WINTER MUSKMELON. Golden Beauty Casaba. Give it a trial. See page 53.....	.10	.25	.70	2.50
253.	HONEY DEW MELON. As sweet as honey. Can be eaten to the extreme rind. Page 53.....	.05	.15	.55	2.00
254.	TIP TOP. Handsome, round, sweet and juicy. Illustrated above.....	.05	.15	.45	1.60

WATERMELON

Our Seed is saved from melons grown exclusively for seed, and by seed-growers of experience. Our packets each contain $\frac{1}{4}$ oz. of seed, sufficient to plant from 8 to 12 hills; 4 to 5 lbs. will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Two pounds or more at 5 pound rates. For larger quantities, see our market gardeners' net price list—free on request.

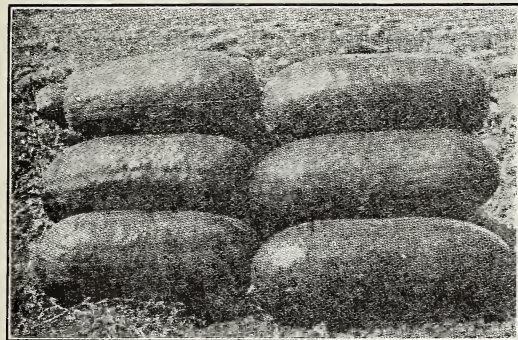
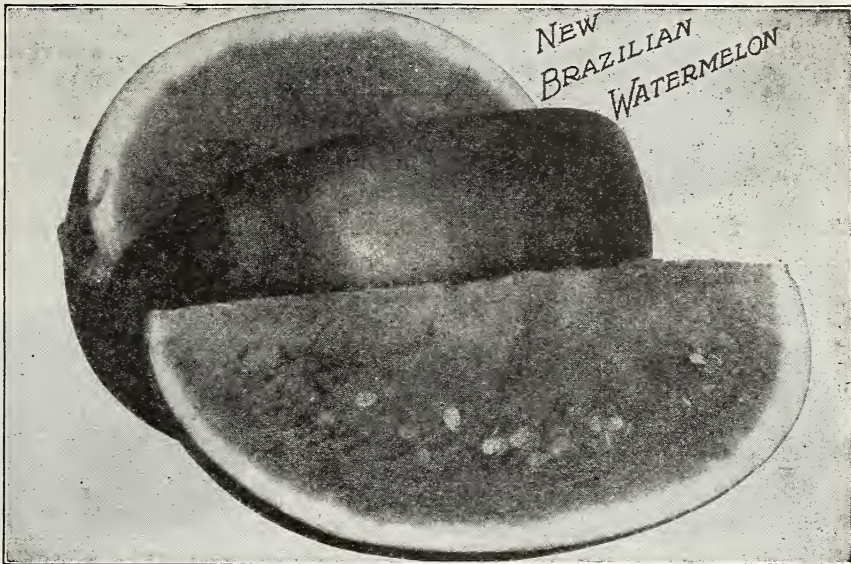
268½. BRAZILIAN. The prize melon comparatively new—give it a trial. Dorothy Cornell, of Mayer, Minn., writes:

"I received a packet of your new Brazilian Watermelon. I have never had any luck raising watermelons before but this year had some very nice, sweet, juicy melons and any one buying some of your Brazilian Watermelon seed will be more than satisfied I am sure." Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

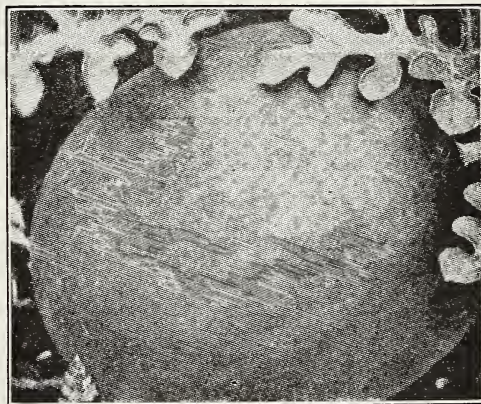
262. ★COLE'S EARLY. A fine, extra early melon, of medium size, almost round in shape, mottled with various shades of green; very sweet, tender and delicious; adapted to our locality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00. Not postpaid; 5 lbs., \$4.00.

It will pay to try some of Olds' Wisconsin Standards—see page 60.

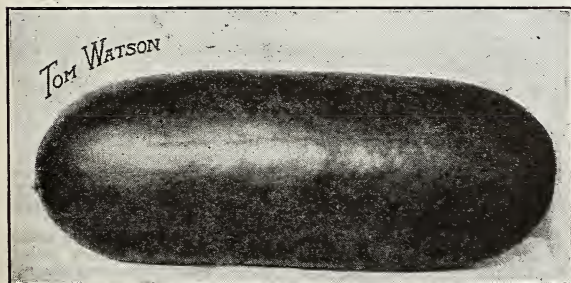
265. OLDS' 1908 MELON. (Chilian). This melon is now acclimated and is the melon for profit to the grower and to the dealer, as well as being most delicious to the consumer. Martin Eisle, of Gramont, Ill., says: "I got about 50 melons from the packet of seed you sent me and some of them measured 12 inches through. They are as fine a melon as I ever ate; very sweet and have a fine flavor." It is very attractive, quite large, nearly round with a dark green rind; the flesh is light red, solid, sweet and melting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.15.



Kleckley Sweets. Pkt., 5c; oz., 10c.



Chilian. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c.



Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c.

267. ★ICE CREAM OR PEERLESS. A standard home melon. Extra early, sweet, of good size and very productive; flesh bright scarlet, solid to the center, melting and delicious. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25. Not postpaid: 5 lbs., \$5.25.

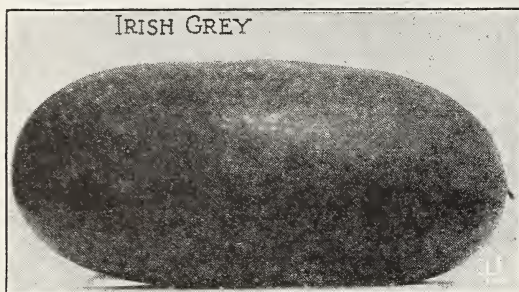
270. ★KLECKLEY SWEETS. One of the finest melons for home use; handsome in appearance—see illustration; flesh bright scarlet, crisp and tender. With us these melons ripen early. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25. Not postpaid: 5 lbs., \$5.00.

271½. TOM WATSON. A large, oblong melon (see illustration), quite distinct from other varieties. The flesh is deep red, crisp, melting and of the finest flavor. It is a most excellent shipper and very handsome in appearance. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25. Not postpaid: 5 lbs., \$5.00.



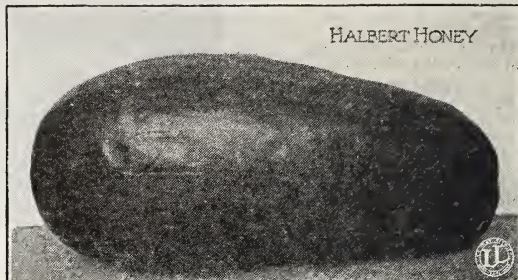
270½. KLONDIKE. The sweetest melon grown. A new introduction of great merit—see illustration. This melon is offered with the assurance that it is not only very prolific and extremely early but as sweet and melting as any variety grown. The seeds are only one-half as large as in other melons; rind thin and on this account it is not a good shipper, but is just the melon for home use and local sale—try it. It remains good a long time after picking and will ripen in the North. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.15.

276½. WINTER. The Winter Watermelon is earlier than "The Sweetheart," almost as hard and solid as a citron. Will keep long into the winter. The melons are almost round with a light green skin. Flesh is red, firm and sweet. Very prolific and well adapted to this section of the country. On account of its wonderful keeping qualities, this variety will give splendid satisfaction to those who want a winter melon. Seed scarce and high priced—order early. Pkt., 5c; 2 pkts., (½ oz.), 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.



268. IRISH GREY. A new heat resistant grey melon; deep red flesh, hard and sweet. Pkt. (¼ oz.), 10c; 2 pkts., 15c, or order anything from this catalog amounting to \$1.00 or more and we will give free, on request, a packet for trial.

The Best Seeds that grow are sold by Olds.



273. HALBERT HONEY. A fine melon for the home garden. It is large, attractive, oblong in shape; rind dark green; flesh crimson; very sweet and tender. The vines grow quickly, and melons ripen even in the northern states. It is not a good shipper, but it is one of the sweetest melons yet introduced. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35; 2 lbs. or more, \$1.25 per lb.

WATERMELON. Full List.

For larger quantities, see our market gardeners' net price list. ½ lbs., at pound rates.

260.	WONDERFUL SUGAR. (McIver's.)	A leading melon of the day; handsome in appearance; very productive, sweet and luscious.			
261.	SWEET HEART.	The best long shipper. Large oval, flesh bright red, solid and tender.			
262.	★ COLE'S EARLY.	A very early melon; just right in size and shape.			
262½.	PHINNEY'S EARLY.	A very early melon, suitable for the north.			
263.	FORDHOOK EARLY.	The earliest large melon; a good shipper.			
264.	KOLB'S GEM.	A well-known shipper. Large and a heavy yielder; bright red flesh.			
264½.	DARK ICING.	Skin dark green; flesh sweet and melting—the trucker's favorite.			
265.	OLDS' 1908 MELON (chilian).	Promises to be the most profitable melon for the grower... and dealer as well as best for the consumer. Page 55.			
266½.	LIGHT ICING.	Skin light green; flesh red, crisp and sweet.			
267.	★ ICE CREAM or PEERLESS.	A standard home variety.			
268.	IRISH GREY.	A new melon for trial. Illustrated and described above.			
268½.	BRAZILIAN.	Sweet, luscious and attractive. Page 55.			
269.	GIRAARDEAU'S TRIUMPH.	Large, prolific and sweet. A good shipper.			
270.	★ KLECKLEY SWEETS.	One of the finest melons yet introduced.			
270½.	KLONDIKE.	The sweetest melon grown—try it.			
271.	★ ALABAMA SWEET.	A new early maturing melon.			
271½.	TOM WATSON.	A new Watermelon. Description page 55.			
272.	BLACK DIAMOND.	A new melon—large and productive; a good shipper; rich, red, flesh			
272½.	GOLDEN HONEY.	A beautiful golden-flesh melon. One of the finest in quality. Very			
		tender and sweet. This melon has no hard core or stringy sections.			
273.	HALBERT HONEY.	A new melon; one of the best for the home garden.			
274.	HUNGARIAN HONEY.	A superb melon and one of the sweetest.			
275.	PRESERVING CITRON.	Colorado Preserving. The most desirable.			
276.	GEORGIA RATTLENAKE.	A large, oblong, dark green melon; very popular in the South			
276½.	WINTER.	The Winter Watermelon. See description at top of page.			
277.	MIXED.	Will produce choice melons throughout the whole season.			

By parcel post.

pkt.	oz.	¼ lb.	lb.
\$0.05	\$0.10	\$0.30	\$1.00
.05	.10	.35	1.20
.05	.10	.30	1.00
.05	.10	.30	1.00
.05	.10	.30	1.00
.05	.10	.25	.95
.05	.10	.30	1.00
.05	.10	.35	1.15
.05	.10	.30	1.00
.05	.10	.35	1.25
.10	.25	.80	3.00
.05	.10	.30	1.00
.05	.10	.25	.95
.05	.10	.35	1.25
.05	.10	.35	1.15
.05	.10	.30	1.00
.05	.10	.35	1.25
.05	.10	.30	1.00
.05	.10	.35	1.20
.05	.15	.40	1.50
.05	.10	.25	.90

LEEK.

Leeks are valuable for soups and salads; they may also be sliced and cooked like green peas.

210. AMERICAN FLAG. A strong-growing variety; large, thick stems; sweet and delicious, when properly cooked. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 70c.

OKRA.

278. WHITE VELVET. Very productive and superior in flavor to any other variety. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

MUSTARD.

Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

255. BLACK OR BROWN. More pungent than white.

256. NEW WHITE CHINESE. Large tender leaves.

257. NEW MONSTROUS. A new thick-leaved variety.

258. WHITE LONDON. Fine for salads and garnishing.

MUSHROOM. Pure cultural Spawn. Page 60.

We test our seeds for germination before sending them out. A record is kept of each test and a stock letter stamped on every package. Germination furnished on request.

Everyone who cultivates a garden helps to produce more food for the starving Countries.

ONION SETS

Many prefer to grow onions from sets, as they are less trouble and are ready for use earlier than those grown from seed. Our sets this year are very nice and just the right size. One pound will plant a row 50 feet long. 10 bus. will plant one acre. Bottom Sets are grown from seed and are the most used. Top Sets are still much called for in some sections. Egyptian or Perennial may be set either in spring or fall. They come up early in spring without any protection and furnish the earliest onions. White Multipliers are fine for bunching green. Bottom Sets and Multipliers, bu., 32 lbs., Top Sets, bu., 28 lbs. Bushel prices are subject to market changes.

VARIETIES MOST CALLED FOR.

If larger quantities are wanted, write for special prices.



	By mail, postpaid.		By express or freight.					
	½ lb.	lb.	½ lb.	lb.	4 lbs.	8 lbs.	bu.	
WHITE BOTTOM.....	\$0.20	\$0.35	\$0.15	\$0.25	\$0.70	\$1.35	\$5.25	
YELLOW BOTTOM.....	.20	.30	.15	.20	.65	1.20	4.50	
RED BOTTOM.....	.20	.30	.15	.20	.65	1.25	4.75	
RED TOP (Improved).....	.20	.35	.15	.25	.85	1.60	6.25	
EGYPTIAN or PERENNIAL.....	.20	.30	.15	.20	.60	1.10	4.00	
WHITE MULTIPLIER.....	.20	.35	.15	.25	.85	1.65	6.50	
RED MULTIPLIER.....	.20	.35	.15	.25	.75	1.45	5.75	

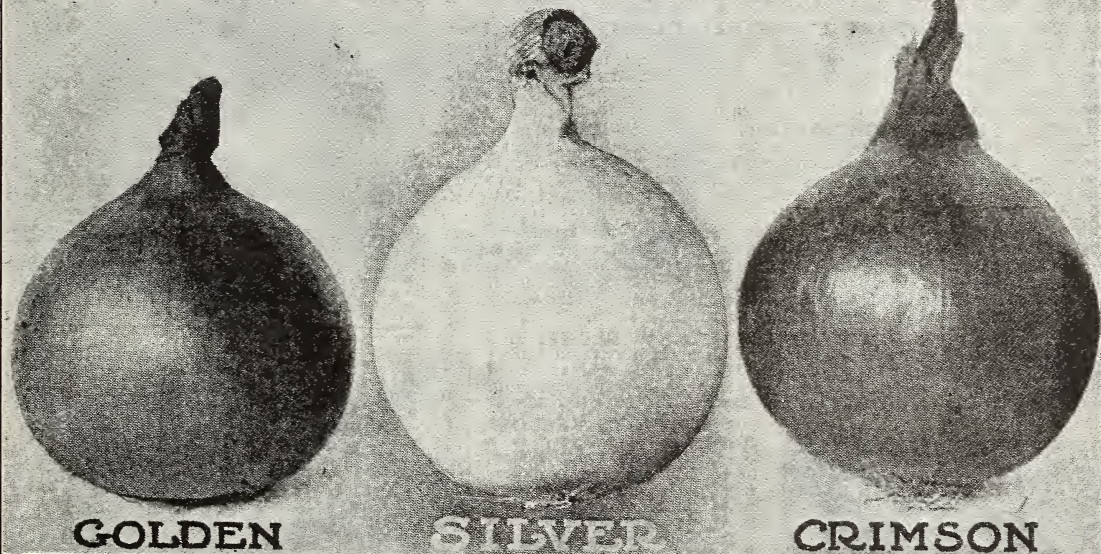
F. W. Smith, Belleflower, Cal., says: "I am well pleased with the seeds I received. The seeds were planted at once and are up and growing nicely."

E. D. Kidder, Marshall, Minn., says: "Your seeds are all right. I sold from one-half acre, \$195.00 worth of melons, besides supplying the family and having a few cooned."

ONION SEED

Our Onion seed has been proved by test and is all right. Packets each contain 1-6 oz. of seeds, sufficient to sow from 25 to 30 feet of drill; 4 to 5 lbs. will sow one acre. The varieties marked with a star are those we specially recommend. Order by number. Three pounds or more at 5-lb. rates. For larger quantities see our market gardeners' price list free on request.

OLD'S THREE NEW GLOBE ONIONS



GOLDEN

SILVER

CRIMSON

OLD'S THREE NEW GLOBE ONIONS. Perfect types of Southport Globes, Eastern-grown seed—see illustration above. The true Southports are most desirable onions. They are not only handsome in appearance, but are all good keepers and perfectly globe-shaped. Our Three New Globe Onions are improved strains of Southports. One packet of each 25 cents.

280. OLD'S GOLDEN GLOBE. A heavy yielder, hardy and reliable; color light golden yellow; handsome in appearance; flesh snow-white, firm, mild and juicy. Altogether a most satisfactory onion for family or market use. Pkt., 10c; 3 pkts. (½ oz.), 20c; oz., 25c; ¼ lb., 80c; lb., \$3.00.

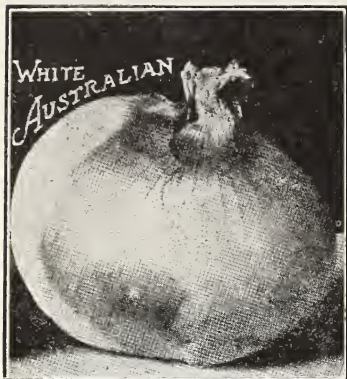
281. OLD'S SILVER GLOBE. Solid and heavy; flesh pure white, close and fine grained. A very handsome onion, and for the family garden unexcelled. Pkt., 10c; 3 pkts. (½ oz.), 20c; oz., 30c; ¼ lb., \$1.05; lb., \$4.00.

282. OLD'S CRIMSON GLOBE. Skin deep purplish-red; flesh close-grained, white, mild and tender. It is hardy; a good keeper and very productive. Pkt., 10c; 3 pkts. (½ oz.), 20c; oz., 25c; ¼ lb., 70c; lb., \$2.75.

"OLD'S CATALOG TELLS THE TRUTH."

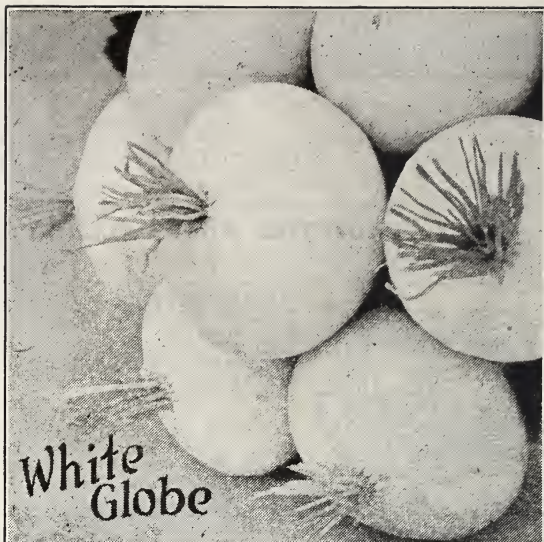


289. WHITE AUSTRALIAN. A brand new onion and a new creation. The illustration shows the shape and average size of this new onion. It has all the solidity and keeping qualities of its parent, the Australian Brown, and is the ideal onion for the shipper. The skin is a creamy white; flesh white, crisp and mild in flavor. Pkt., 10c; 3 pkts., (½ oz.), 20c; oz., 25c; ¼ lb., 90c; lb., \$3.50.



292. WHITE GLOBE.

Beautiful and symmetrical, with clear pure white skin — see illustration. The flesh is firm and fine-grained. The Southport White Globe is a good keeper and a good market onion. **EASTERN GROWN SEED:** Pkt., 10c; 3 pkts. (½ oz.), 20c; oz., 30c; ¼ lb., \$1.00; lb., \$3.75; **CALIFORNIA GROWN SEED:** ¼ lb., 95c; lb., \$3.65.



285. ★OLDS' BEST YELLOW GLOBE DANVERS. The Yellow Globe Danvers is a standard onion, more largely grown than any other variety. It is a large globe-shaped onion, and very productive (illustration opposite). The skin is a light golden brown; flesh pure white, crisp and mild in flavor. The entire crop ripens at one time and winters well. Ours is the best strain of Yellow Globe Danvers. **EASTERN GROWN SEED:** Pkt., 10c; 3 pkts., (½ oz.), 20c; oz., 25c; ¼ lb., 80c; lb., \$3.00. Not prepaid: 5 lbs., \$14.00.

290. ★SOUTHPORT YELLOW GLOBE. Identical with the Red Globe, except in color. Our seed is the true Southport type—no better at any price. **EASTERN GROWN SEED:** Pkt., 10c; 3 pkts., (½ oz.), 20c; oz., 25c; ¼ lb., 70c; lb., \$2.75. Not prepaid: 5 lbs., \$13.00. **CALIF. GROWN SEED:** 5 lbs., \$12.50.

291. ★SOUTHPORT LARGE RED GLOBE. The most handsome and perfect globe-shaped onion in cultivation. The skin is a deep rich crimson, with a satin-like gloss, flesh fine-grained, mild and very tender. We offer the true Southport strain. **EASTERN GROWN SEED:** Pkt., 10c; 3 pkts., (½ oz.), 20c; oz., 25c; ¼ lb., 70c; lb., \$2.50. **CALIF. GROWN SEED:** Not prepaid: 5 lbs., \$11.25.

297½. GIGANTIC GIBRALTAR. The giant Gibraltar is a large Spanish onion introduced more than 20 years ago, as the largest onion grown. It is still the largest onion we know of, single specimens having been grown to weigh almost two pounds. The skin is a light straw color; flesh white, mild and tender. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., \$1.00; lb., \$3.85.

288. AILSA CRAIG. An onion unexcelled for form, size and weight. It is straw-colored, very productive, a good keeper and on account of its mild flavor, excellent for eating raw. When boxed in good shape, it competes successfully with the imported Spanish onion and we believe after it is better known, will become a very popular sort. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., \$1.10; lb., \$4.25.



300. OLDS' SELECT OHIO YELLOW GLOBE. This is a bright yellow onion, with a small neck, illustrated below; ripens early and all at once. The bulbs are firm and good keepers; productive and well adapted to any good soil. Pkt., 10c; 3 pkts. (½ oz.), 20c; oz., 25c; ¼ lb., 90c; lb., \$3.45.

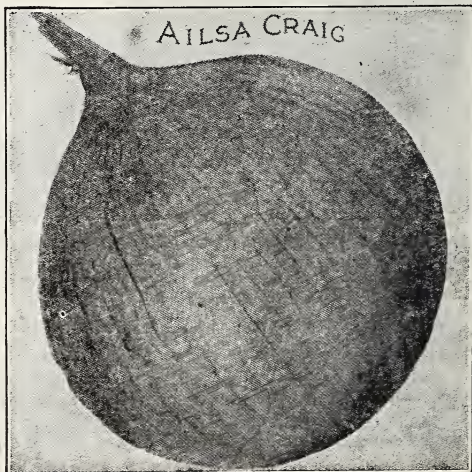


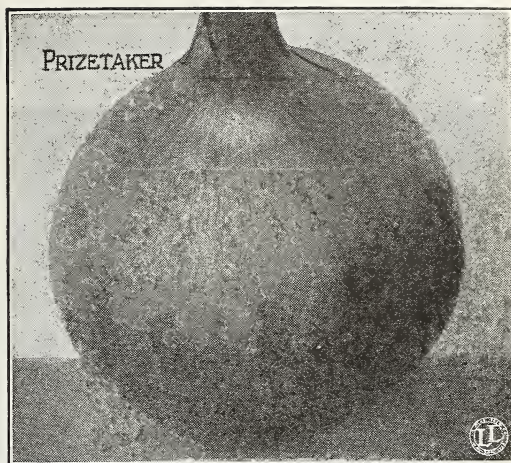
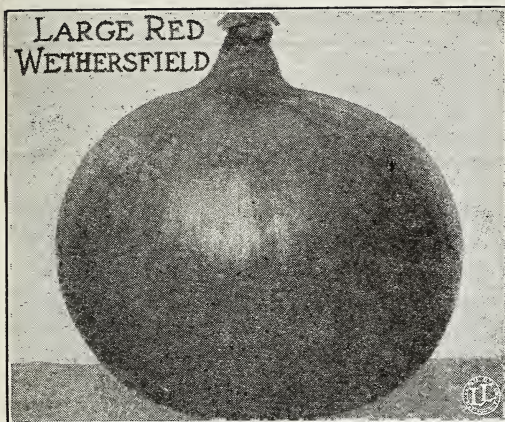
301. MICHIGAN YELLOW GLOBE. This variety is a selection from the Yellow Globe Danvers, and is a perfect globe-shaped onion; a little darker in color than Danvers; a heavy cropper and a first-class keeper. Pkt., 10c; 3 pkts., 20c; oz., 25c; ¼ lb., 85c; lb., \$3.25. Not prepaid: 3 lbs. or more, \$3.20 per lb.

We state under the heading of each vegetable the quantity of seed each packet contains and how much ground it will plant, also how much seed it requires to plant an acre.

CULTURAL DIRECTIONS printed on every packet, and ounce package.

Full and complete list of onions next page.





287. OLDS' EXTRA LARGE RED WETHERSFIELD. The standard red onion. The skin is deep purplish red, flesh purplish white; fine-grained and better flavored than any other sort. It is in every respect a perfect red. Our strain of Large Red Wethersfield is the best that can be secured by most careful selection and cultivation. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 85c; lb., \$3.25. Not postpaid: 3 lbs., \$15.00.

295. OLDS' LONGKEEPER. A sure cropper and the best keeper. A globe-shaped onion, very quick to grow and sure to make a crop. The onions are uniformly thin-necked, with flesh pure white, solid, crisp, sweet and mild in flavor. Pkt., 10c; 3 pkts., 20c; oz., 25c; ¼ lb., 90c; lb., \$3.50.

297. *OLDS' PRIZE-TAKER. A large, handsome, yellow onion. An excellent keeper, fine flavor; good shape and very productive. Our seed is American grown. Pkt., 10c; 3 pkts., 20c; oz., 30c; ¼ lb., \$1.05; lb., \$4.00. Not postpaid: 3 lbs. or more, \$3.85 per lb.

BERMUDA ONION.

Bermuda Onions are becoming more popular every year and strictly first class seed was in greater demand last year than ever before. Our seed is direct from Teneriffe, Canary Islands.

283. CRYSTAL WAX. The most attractive and the most profitable variety. It is large, pure white, very early, mild in flavor, in fact can be eaten out of the hand like an apple. It can be grown under northern conditions and is very fine for slicing. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 90c; lb., \$3.45.

284. YELLOW BERMUDA. The standard variety; identical with Crystal Wax except that the color is pale yellow. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 85c; lb., \$3.45.

284½. RED BERMUDA. The largest variety. Price, same as for Yellow Bermuda. One packet each of the above Red, White and Yellow, for 25 cents.



ONION. Full List.

For larger quantities see our market gardeners' net price list. Half-pounds at pound rates.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
280.	OLDS' GOLDEN GLOBE. A most satisfactory onion for family use.....	\$0.10	\$0.25	\$0.80	\$3.00
281.	OLDS' SILVER GLOBE. One of the most handsome onions grown.....	.10	.30	1.05	4.00
282.	OLDS' CRIMSON GLOBE. Hardy; a good keeper and a big yielder.....	.10	.25	.70	2.75
283.	CRYSTAL WAX. The most attractive and the most profitable Bermuda Onion.....	.10	.25	.90	3.45
284.	YELLOW BERMUDA. The standard variety; pale yellow in color.....	.10	.25	.85	3.25
284½.	RED BERMUDA. The largest variety.....	.10	.25	.85	3.20
285.	*OLDS' YELLOW GLOBE DANVERS. The standard Yellow Globe.....	.10	.25	.80	3.00
286.	EXTRA EARLY RED. (Flat.) Very desirable for extra early.....	.10	.25	.80	3.00
287.	OLDS' EXTRA LARGE RED WETHERSFIELD. The best strain.....	.10	.25	.85	3.25
288.	ALSA CRAIG. A most excellent shaped onion. See page 58.....	.10	.30	1.10	4.25
289.	WHITE AUSTRALIAN. Brand new. Better than Australian Brown.....	.10	.25	.90	3.50
290.	SOUTHPORT YELLOW GLOBE. A heavy yielder. See page 58.....	.10	.25	.70	2.75
291.	*SOUTHPORT LARGE RED GLOBE. Most handsome and most perfect globe-shaped onion.....	.10	.25	.70	2.50
292.	SOUTHPORT WHITE GLOBE. A good keeper and a splendid onion.....	.10	.30	1.00	3.75
293.	WHITE PORTUGAL or Silver Skin. A favorite white onion; very mild.....	.10	.25	.90	3.50
294.	WHITE DANVERS FLAT. Largely grown for market and for sets.....	.10	.25	.70	2.75
295.	OLDS' LONGKEEPER. Early, a sure cropper, and a good keeper.....	.10	.25	.90	3.50
296.	MAMMOTH SILVER KING. Handsome, sweet, tender and mild.....	.10	.40	1.30	5.00
297.	*PRIZE-TAKER. The genuine. Large and handsome.....	.10	.30	1.05	4.00
297½.	GIGANTIC GIBALTAR. The largest mild-flavored onion we know of. See page 58.....	.15	.30	1.00	3.85
299.	AUSTRALIAN BROWN. Extra early and a sure cropper.....	.10	.25	.80	3.00
299½.	YELLOW STRASBURG. The variety most used for sets.....	.10	.25	.90	3.50
300.	OLDS' SELECT OHIO YELLOW GLOBE. See page 58.....	.10	.25	.90	3.45
301.	MICHIGAN YELLOW GLOBE. A heavy cropper.....	.10	.25	.85	3.35
303.	*OLDS' EARLY WHITE QUEEN. The best for small pickles.....	.15	.30	1.05	4.00
303½.	WHITE WELSH. Most suitable for green onions.....	.10	.35	1.15	4.50

304. MIXED ONION SEED. Just the thing for those not particular as to variety. This is good seed and will produce red, yellow and white onions. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 70c; lb., \$2.50.

PARSNIP.



307. ★**THE ARLINGTON.** A fine new, double, curled parsley. 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35.

While highly appreciated for table use the great value of the parsnip is for stock feeding. The roots are very rich in saccharine food. Packets each contain seed sufficient to sow a row 25 feet long; 5 lbs. will seed one acre.

310. ★**IMPROVED GUERNSEY.** The best variety: roots smooth and easily harvested.
 311. **HOLLOW CROWN.** The old standard variety.
 312. **EARLY SHORT ROUND.** Early and well adapted to any soil. Crop failed

By parcel post.			
pkt.	oz.	¼ lb.	lb.
\$0.05	\$0.15	\$0.40	\$1.50
.05	.15	.40	1.45

310. ★**IMPROVED GUERNSEY PARSNIP.** An improved strain and one that has given general satisfaction. See illustration opposite. Pkt., 5c; oz., 15c; ¼ lb., 40c.

Orders to go by mail are filled the same day as received.

PARSLEY

One packet contains seed enough to sow a row 40 feet long; 3 lbs. will seed one acre.

308. **OLDS' DWARF PERFECTION.** A very attractive plant; bright, pea-green, moss curled leaves, of excellent flavor. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

305. **CHAMPION MOSS CURLED.** Beautifully curled and crumpled leaves—just right for seasoning; also useful for salads and garnishing. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.45.

306. **FERN-LEAVED.** Fern-shaped leaves. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.65.

It withstands heat, cold and drought. Pkt.,

OLDS' WISCONSIN STANDARDS

30 packets (amounting to \$2.15 for \$1.50.)

We have selected the following sorts as those best adapted to the home garden. They are also desirable for the market gardener. "Olds' Wisconsin Standards" are not untried novelties—we know from personal experience that each is among the best of its class. There are 30 varieties of "Olds' Wisconsin Standards" as follows:

	Pkt.
BEEF (41). Olds' Improved Blood Turnip	.05
BEEF (51). Crosby's Egyptian	.05
CABBAGE (70). Olds' Early Jersey Wakefield	.15
CARROT (101). Early Short Top	.10
CUCUMBER (160). Olds' Early White Spine	.05
CUCUMBER (158). Olds' Improved Chicago Pickling	.05
LETTUCE (215). Olds' Earliest Forcing	.05
LETTUCE (220). Early Prize Head	.05
MUSKMELON (239). Olds' Select Osage	.05
WATERMELON (262). Cole's Early	.05
PEPPER (350). Old's Ruby King	.10
PUMPKIN (361). Olds' Quaker Pie	.05
RADISH (373). Olds' Improved French Breakfast	.05
RADISH (376). Olds' Crimson Giant	.05
RADISH (385). Best White Icicle	.05

	Pkt.
SPINACH (402). Bloomsdale	.05
SQUASH (413). Olds' Golden Hubbard	.05
TOMATO (429). The Matchless	.05
TURNIP (465). Olds' Purple Top White Globe	.05
BEANS (15). Olds' Stringless Green Pod	.10
BEANS (24). Olds' Pencil Pod Wax	.10
ONION (280). Olds' Golden Globe	.10
ONION (281). Olds' Silver Globe	.10
ONION (282). Olds' Crimson Globe	.10
PARSLEY (307). The Arlington	.05
PARSNIP (310). Olds' Improved Guernsey	.05
SWEET CORN (137). Olds' Ideal Early	.10
SWEET CORN (146). Olds' White Evergreen	.10
PEAS (325). Nott's Excelsior	.10
PEAS (326). Olds' Improved Stratagem	.10

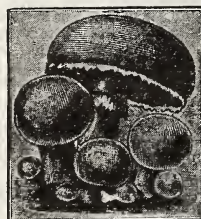
In order to induce every one to give "Wisconsin Standards" a trial, we offer one packet of each, amounting at catalog prices to \$2.15 for \$1.50. By express or freight, not prepaid, \$1.25. For \$1.00 we will send postpaid 22 packets, one packet of each—excepting the Peas, Beans and Sweet Corn and leaving out one each of the Radishes and Onions. Olds' Wisconsin Standard Collection is a special offer and is not entitled to any premium.

The production of vegetables is this year of more importance than ever before. We urge you to enlarge your garden, or if you have none, to plant one this year, however small. By doing your part you will help to feed the "starving nations of Europe."

Vegetables are the cheapest of all food products and the most healthful. One solution of the "high cost of living" so far as it relates to food is THE GARDEN PLANTED TO GOOD SEEDS—TRY PLANTING OLDS' SEEDS.

W. E. Peach, Fallow, Ill., Sept. 18, 1918, writes: "Please mail me as soon as you can your 1919 catalog, as I want to order my seeds early this fall. My New Brazilian Watermelons are the wonder of the community. I could sell a car load of them now if I had them."

Wm. Dunne, West McHenry, Ill., says: "I got the best stand of onions I ever had, from your seed."



MUSHROOM.

Pure Culture Spawn.

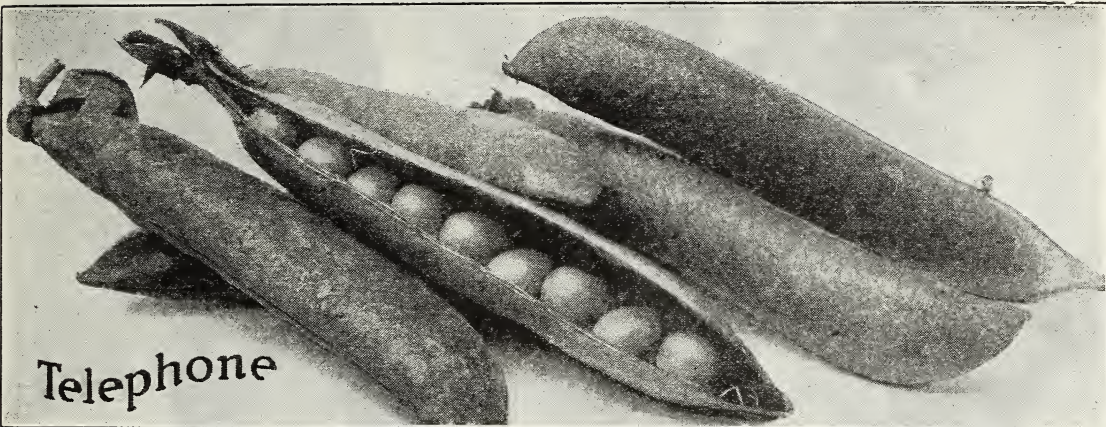
Repeated trials have demonstrated that the Pure Culture Spawn is far superior to spawn that is imported; and when once used no other is wanted. It costs more than the imported, but the results show it is by far the cheaper. A brick weighs 11-13 lbs. Cultural directions free with every order. One brick, 35c; 3 bricks (4 lbs.), \$1.00. Not prepaid: 1 brick, 25c; 3 bricks, 65c.

A 35 cent, 43 page illustrated book on Mushroom Culture and Pure Culture Spawn, for 30c, postpaid, or free with an order of 6 bricks, or more.

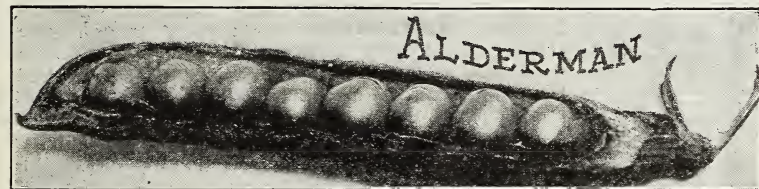
PEAS

Our peas are grown in the north, are carefully rogued and hand-picked. Packets contain full 2 ounces and will plant from 10 to 15 feet of drill: one pound will plant 75 feet; 90 to 120 lbs. an acre. Those marked thus (*) are wrinkled varieties, and those marked with a star are the varieties we particularly recommend. Freight prices on page 64.

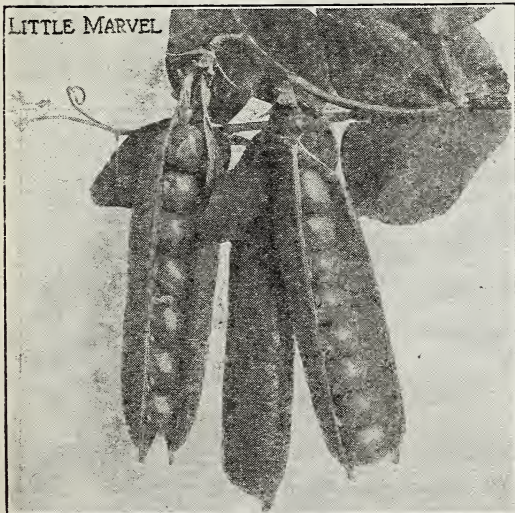
320½. **★OLDS' BEST EXTRA EARLY.** The best strain of Extra Early Peas and the result of very careful selection. They are as early as Alaska and average 20 inches in height. The pods are well filled and the crop can be gathered in one picking. Olds' Extra Early is the market gardeners' pea and a general favorite. Also fine for the home garden as it is hardy and can be planted earlier than the wrinkled sorts. Pkt., 10c; 2 pkts. (¼ lb.), 15c; 1b., 30c; 2 lbs., 55c.



322. **TELEPHONE.*** The leading market gardeners' variety. The vines are tall and vigorous, producing an abundance of large well filled pods—see illustration above. It comes into use soon after Premium Gem. Also one of the best sorts for the home garden. Pkt., 10c; 2 pkts. (¼ lb.), 15c; 1b., 35c; 2 lbs., 60c.



333½. **ALDERMAN.*** A new mid-season variety, something like the Telephone only better. The vine is a vigorous grower; producing well-filled, dark green pods in abundance—see illustration. The peas are fine flavored and most excellent in quality. We recommend this variety as well adapted to the home garden. Pkt., 10c; 2 pkts. (¼ lb.), 15c; 1b., 35c; 2 lbs., 60c.



REMEMBER. We pay the postage on all seeds by the packet, ounce, quarter-pound, pound and up to five pounds in weight, unless otherwise noted.

339. **LITTLE MARVEL.*** A new English market variety. It is early, dwarf and a great improvement over Nott's Excelsior and American Wonder. It produces dark green pods, well filled with delicious peas. The vines are very productive and the pods are usually borne in pairs. Pkt., 10c; 2 pkts. (¼ lb.), 15c; 1b., 40c; 2 lbs., 70c.

320. **★SURPRISE.*** A new pea well named—the earliest of all wrinkled peas. The pods are good-sized and well filled. The peas very tender and sweet, retaining their fine flavor even when fully developed. This new pea is a cross of Alaska and American Wonder. It possesses the quality of the latter. The vines grow 24 inches high, but need no support. Pkt., 10c; 1b., 30c; 2 lbs., 55c.

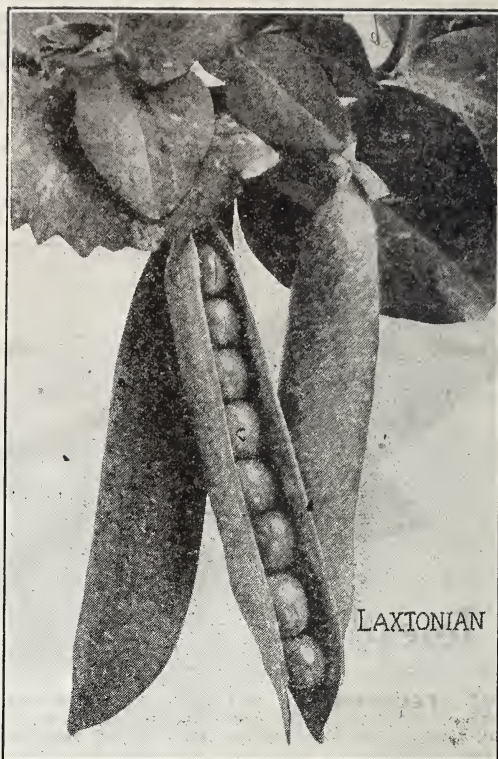
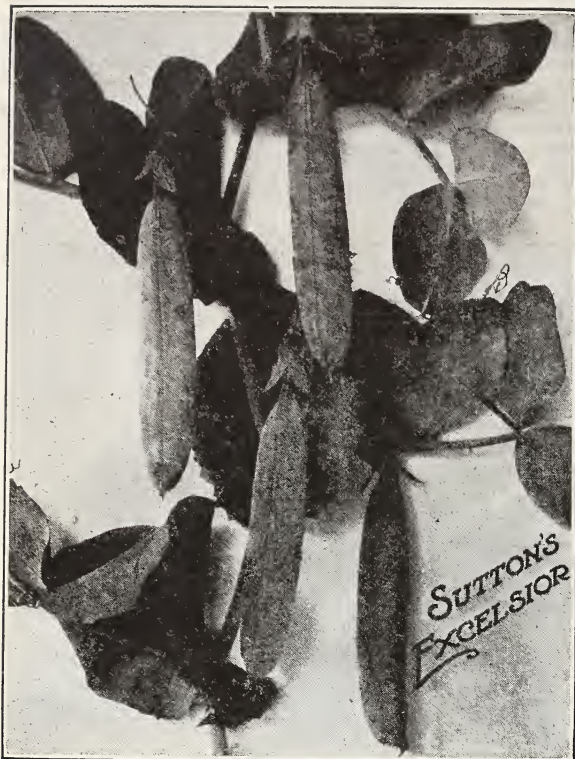
326*. **PIONEER.*** A recent introduction and one destined to become very popular. The plants are robust in habit and carry a heavy crop of long pointed dark green pods. Pk., 10c; 2 pkts. (¼ lbs.), 15c; 1b., 40c; 2 lbs., 75c.

PLANT A GOOD GARDEN IN 1919.

Fresh vegetables from your garden and canned vegetables put up for winter use will take the place of what you have been buying from the store and release just that much food for shipment to European countries.

We have discontinued selling Peas by the pint, quart, peck, bushel or fraction thereof. You will find selling by the pound more accurate, fairer and more sensible than by the old method of pint, peck and bushel.

If you buy peas by the pint you get 15 ounces. Buy by the pound and get full 16 ounces.



323½. **SUTTON'S EXCELSIOR.*** A new large-podded dwarf variety, also one of the most vigorous in growth and unsurpassed in quality. The plants grow 14 inches high and are very productive, producing the largest pods (see illustration) of any of the dwarf varieties. The peas are handsome in appearance and mature nearly as early as Nott's Excelsior. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 30c; 2 lbs., 55c.

324½. **LAXTONIAN.*** The largest podded, early dwarf pea. Requires no supports of any kind. The vines are very productive and produce pods similar in shape to the Gradus, which are filled with large, luscious, light green peas. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 40c; 2 lbs., 75c.



PETER PAN. 321½. Peter Pan is a new variety destined to become the leading early, dwarf pea; very of the finest flavor. The plants (covered with pods) We recommend Peter Pan for the market and for the home garden. Crop almost a failure, order early. Price for 1919: Pkt., 15c; 2 pkts. (¼ lb.), 25c.

offered by us three years ago, for the first time. It is productive, producing long, dark green pods filled with peas are robust in habit and grow about 18 inches in height.

THREE SPLENDID PEAS FOR SUCCESSION.

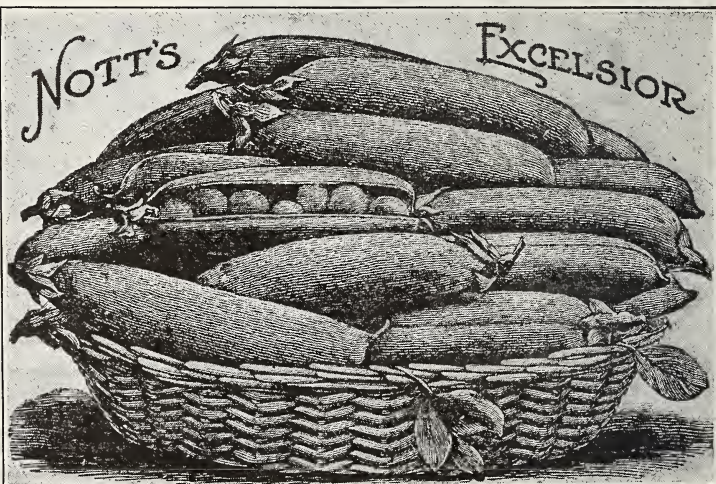
One pkt. each, 25c; one lb. each, 85c; 2 lbs. of each \$1.65, postpaid. By express or freight, not prepaid: 2 lbs., of each \$1.35; 7½ lbs., of each \$5.40.

325. **★NOTT'S EXCELSIOR.*** The most popular early dwarf pea in cultivation. Pods well filled (see illustration). Peas very tender and sweet. In earliness it equals American Wonder; in height, about 15 inches; in quality, equal to Premium Gem, and as a cropper it excels both. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 35c; 2 lbs., 65c.

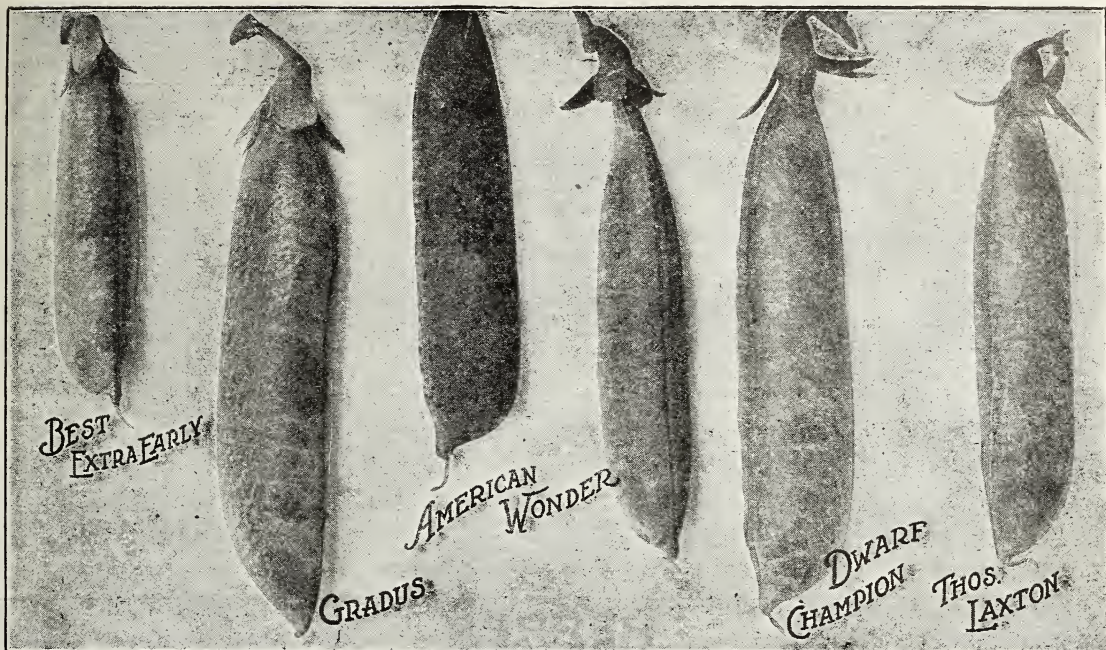
321. **THE HEROINE.*** Our best second early. It bears profusely and produces large, well filled pods. It is a fine pea for the most critical market gardener and we predict it will become a general favorite. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 30c; 2 lbs., 55c.

326. **IMPROVED STRATAGEM.*** The best of all the large-podded late peas; pods of immense size, well filled with large, dark green peas of the finest quality; one of the very finest for a later second early. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb. 35c; 2 lbs., 60c.

SEND YOUR SEED ORDERS IN JANUARY OR FEBRUARY IF POSSIBLE. There is a shortage in many varieties and the demand for good seeds will be greater than ever before.



"OLDS' CATALOG TELLS THE TRUTH."

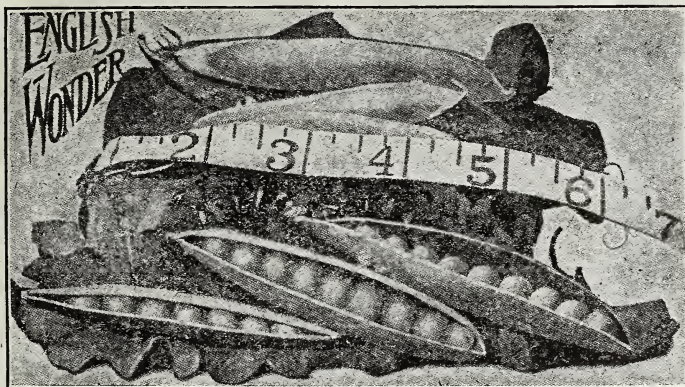


324. **★GRADUS.*** Also called "Prosperity." The earliest large-podded pea in cultivation; vines from 3 to 3½ feet high; pods large and well filled with very large peas. The peas remain tender a long time, and the vines continue bearing for some time after the first picking. We consider this pea one of the best for the home garden. Our prices this year are very reasonable for Gradus. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 40c; 2 lbs., 70c.

330. **AMERICAN WONDER.*** A very fine extra early dwarf variety; height, one foot. It is quite productive and well suited for the private garden. The flavor and quality are excellent. Pkt., 10c; lb., 35c; 2 lbs. 65c.

336. **IMPROVED DWARF CHAMPION.*** The Dwarf Champion is a dwarf-growing strain of the well known variety—Champion of England. It grows only two feet high but has all the good qualities of its parent. The pods are three inches in length, round and well filled. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 30c; 2 lbs., 50c.

334. **THOMAS LAXTON.*** A new variety and one of the best yet introduced. A cross of the Gradus and Earliest of All, and between the two in season; vines from 3 to 3½ feet high; pods large and well filled; peas dark green, sweet and fine-flavored. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 30c; 2 lbs., 55c.



333. **★ENGLISH WONDER.*** The sweetest pea we know of. This is a new dwarf second early variety. The pods are produced in abundance and are well filled with large, dark green peas (see illustration). It is a sure cropper. Vines grow about 18 inches high. We highly recommend this new pea, and none of our customers who try it will regret it. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 35c; 2 lbs., 65c.



335. **★OLDS' DWARF TELEPHONE.*** The most prolific dwarf pea; producing large, handsome pods like the Telephone, but without the tall vines. It is medium early, very productive; pods well filled with pale green peas of the best quality; handsome and just right for the market and the home garden. Pkt., 10c; 2 pkts. (¼ lb.), 15c; lb., 40c; 2 lbs., 70c.

Planting poor seed means just as much expense in caring for the crop as planting good seed and the result is disappointment—Olds' Seeds are as good as the best and better than the rest.

A good Home Garden is a money saver. Complete list of Peas next page.

NITRAGIN

**For Garden
Peas and Beans
—Sweet Peas**

Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden beans and peas you will always use it. It pays for itself ten times over. It is not an expense, but a necessary investment for the best results. It will increase the Sweet Pea flowering, besides larger and more beautiful blossoms.



**Price Garden Size, 35c
Postpaid**

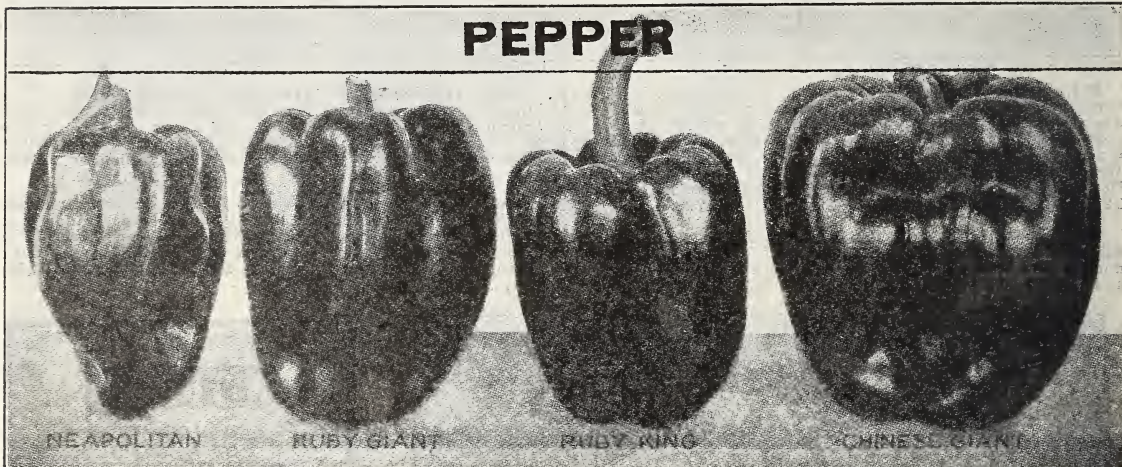
PEAS. Full List.

30 lbs., at 60 lb. rates. 7 lbs., one half pk.; 14 lbs., one pk., 56 lbs., one bu., except where noted.

	By parcel post.			By express or freight.			
	pkt.	lb.	2 lbs.	2 lbs.	7½ lbs.	15 lbs.	60 lbs.
320. ★SURPRISE* The earliest of all wrinkled peas.....	\$0.10	\$0.30	\$0.55	\$0.45	\$1.55	\$3.05	\$12.00
320½. ★OLDS' BEST EXTRA EARLY. The best strain. Bu. 60 lbs.....	.10	.30	.55	.45	1.70	3.30	13.00
321. THE HEROINE.* Our best second early.....	.10	.30	.55	.45	1.75	3.40	13.50
321½. PETER PAN.* The leading dwarf early pea. Crop almost a failure...	.15						
322. TELEPHONE.* Most popular late variety. See page 61.....	.10	.35	.60	.50	1.90	3.70	14.50
323. ALASKA. The earliest of all blue peas. Very productive. Bu. 60 lbs.....	.10	.25	.45	.35	1.20	2.30	9.00
323½. SUTTON'S EXCELSIOR.* A new dwarf variety. See page 62.....	.10	.30	.55	.45	1.75	3.45	13.75
324. ★GRADUS.* The earliest large-podded pea in cultivation.....	.10	.40	.70	.60	2.25	4.45	17.75
324½. LAXTONIAN.* The new dwarf Gradus.....	.10	.40	.75	.65	2.50	4.95	
325. ★NOTT'S EXCELSIOR.* The best early dwarf pea.....	.10	.35	.65	.55	2.00	3.95	
326. IMPROVED STRATAGEM.* The best late large-podded pea.....	.10	.35	.60	.50	1.85	3.60	14.25
326½. PIONEER.* A very popular recent introduction.....	.10	.40	.75	.65	2.50		
327. CHAMPION OF ENGLAND.* One of the best peas grown.....	.10	.35	.60	.50	1.90	3.70	
328. MCLEAN'S ADVANCER.* A market gardener's favorite.....	.10	.25	.45	.35	1.20	2.30	9.00
329. LITTLE GEM.* Height, 16 to 18 inches; very prolific; excellent flavor.....	.10	.30	.55	.45	1.65	3.20	12.75
330. AMERICAN WONDER.* Dwarfest of all varieties.....	.10	.35	.65	.55	2.05	4.05	
331. EXTRA EARLY PREMIUM GEM.* A very fine dwarf pea of the little gem type over which it is an improvement.....	.10	.30	.55	.45	1.70	3.35	13.25
332. BLISS' EVERBEARING.* Very popular. Season medium to late.....	.10	.35	.60	.50	1.95	3.80	15.00
333. ★ENGLISH WONDER.* The sweetest pea we know of.....	.10	.35	.65	.55	2.10	4.15	
333½. ALDERMAN.* A midseason variety; well adapted to the home-garden.....	.10	.35	.60	.50	1.85	3.60	14.25
334. THOMAS LAXTON.* One of the best yet introduced.....	.10	.30	.55	.45	1.75	3.45	13.75
335. ★OLDS' DWARF TELEPHONE.* Most prolific dwarf pea.....	.10	.40	.70	.60	2.20	4.35	17.25
336. IMPROVED DWARF CHAMPION.* See page 63.....	.10	.30	.50	.40	1.40	2.65	10.50
338. HORSFORD'S MARKET GARDEN.* A great favorite.....	.10	.25	.45	.35	1.20	2.35	9.25
339. LITTLE MARVEL.* Described on page 61.....	.10	.40	.70	.60	2.25	4.40	17.50
340. MELTING SUGAR. Edible pods—entirely stringless. Bu. 60 lbs.....	.10	.30	.50	.40	1.45	2.80	11.00
341. MAMMOTH LUSCIOUS SUGAR. The perfect sugar pea. Bu. 60 lbs.....	.10	.30	.50	.40	1.40	2.65	10.50
345. WHITE MARROWFAT. An old favorite market pea. Bu. 60 lbs.....	.10	.25	.45	.35	1.15	2.25	8.75

Prices named above are for 7½ lbs., 15 lbs., and 60 lbs., of all varieties, regardless of weight per bushel.

PEPPER



We can furnish plants in season—see our list of vegetable and other plants, page 87.

Each packet contains seed sufficient to produce over 150 plants; ½ lb. of seed is enough for one acre. Order by number.

One pound of any variety at three and three-fourths times the price of ¼ lb.

	Mail, postpaid.			
	pkt.	½ oz.	oz.	¼ lb.
350. ★RUBY KING. A very popular red pepper; mild and sweet.....	\$0.10	\$0.30	\$0.50	\$1.75
351. BELL OR BULL NOSE. The best known red pepper; early and prolific.....	.10	.25	.45	1.60
351½. RUBY GIANT. A large, fine shaped pepper. A cross of Ruby King and Chinese Giant; flesh mild and sweet; hardy and productive.....	.10	.30	.50	1.75
352. GOLDEN QUEEN. Bright golden yellow; productive, mild and sweet.....	.10	.30	.50	1.85
352½. CRIMSON GIANT. A new early pepper. It is large, early, red, sweet and mild.....	.10	.35	.60	2.25
353. SWEET MOUNTAIN. A strong grower; large, productive and sweet.....	.10	.25	.45	1.70
354. CHINESE GIANT. A very desirable variety, of recent introduction.....	.10	.30	.55	1.95
354½. ROYAL KING. A new pepper; thick meat, mild and sweet. It is a heavy bearer and a good shipper. The type is fixed and the peppers are all of uniform size.....	.10	.30	.55	2.15
355. ★OLDS' EARLY NEAPOLITAN. Bright red peppers, produced in abundance.....	.10	.25	.45	1.60
355½. RED CHILI. Very small, bright red, cone shaped and one of the hottest.....	.10	.25	.45	1.60
356. LONG RED CAYENNE. A standard household variety—hot and pungent.....	.10	.25	.40	1.50
356½. PIMIENTO PEPPER. A new picnic pepper—not affected by early frost.....	.05	.20	.35	1.25
357. RED CLUSTER. Small, thin red pods borne upright in clusters.....	.10	.25	.45	1.60
357½. OLDS' RED HOT. (Tobasco). Small, with a very hot flavor, much used as a sauce for soups, oysters, etc. The peppers are borne in great profusion.....	.10	.25	.45	1.70
358. MIXED PEPPERS. The above varieties mixed.....	.10	.25	.40	1.30
359. NEW TOMATO PEPPER. In shape and general appearance resembles a tomato; of upright growth, prolific and continuing to bear until frost.....	.10	.30	.50	1.75

ROSES AND OTHER FLOWERING PLANTS.

Owing to the increasing demand for Olds' Seeds, we have found it necessary to devote our attention more to the production and sale of seeds; we have therefore discontinued the handling of Roses and Other Flowering Plants.

PUMPKIN

Our seed has all been saved from pumpkins grown for seed purposes. Each packet contains $\frac{1}{4}$ oz. of seed, sufficient to plant from 6 to 8 hills; 3 to 4 lbs. will plant one acre alone; one pound, an acre with corn.

362. ★LARGE CONNECTICUT YELLOW FIELD. (Yankee Cow Pumpkin). The standard field pumpkin. No farmer should fail to plant some every year with corn; a sure cropper, a good keeper, and very prolific—the best for stock, also good for pies. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25. Not postpaid: 2 lbs. or more, \$1.10 per lb.

361. ★QUAKER PIE. A distinct variety, very prolific. The pumpkins are nearly round in shape; creamy white inside and out when ripe; fine grained and rich in flavor; good keepers and among the very best for pies. We do not usually have enough seed of this variety to go around. Order early Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35. Not postpaid: 2 lbs or more \$1.20 per lb.

366. JAPANESE PIE. A new pumpkin of Japanese origin; flesh very thick, fine-grained, dry and sweet; productive and desirable for cooking. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75. Not postpaid: 2 lbs. or more, \$1.60 per lb.

360. ★KING OF MAMMOTHS. Has been grown to weigh 200 lbs.—surpassing any other variety for size. The flesh and skin are both bright yellow and of excellent quality. The Mammoth is one of the best pie pumpkins grown, also a splendid keeper and valuable for feeding purposes. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50. Not postpaid: 2 lbs. or more, \$1.35 per lb.

369. GOLDEN OBLONG. A fine variety, oblong in shape. Golden orange skin, thin but tough. Rich yellow flesh, very sweet, dry and excellent for pies. A good keeper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35.

FULL LIST.

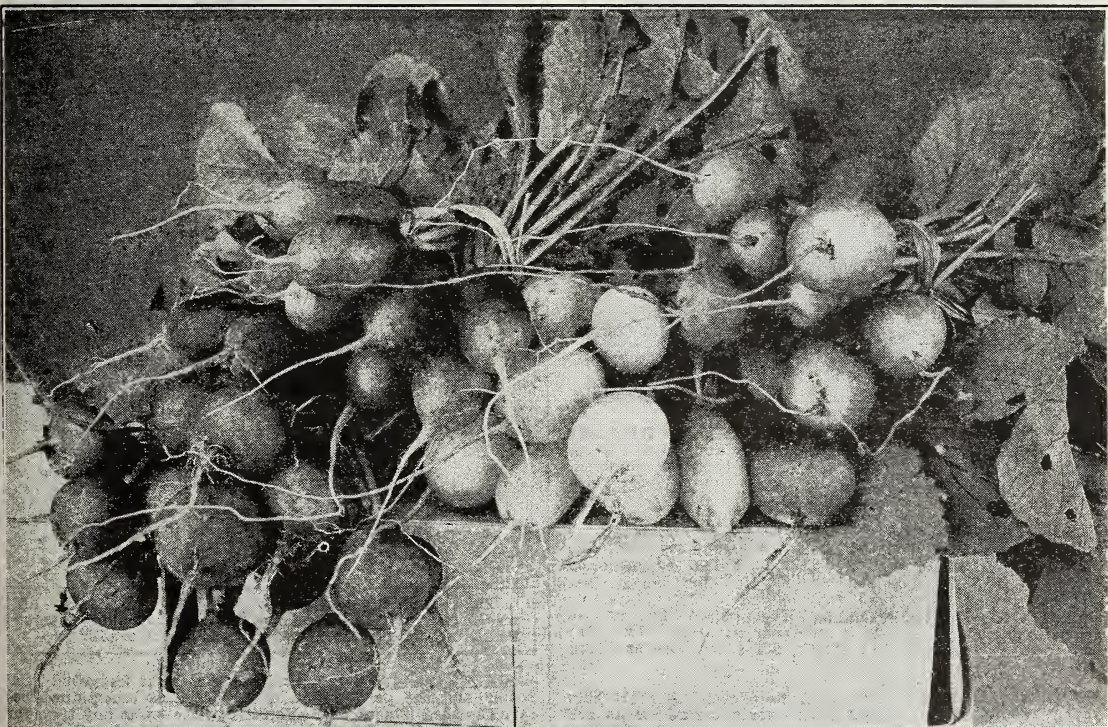
Half-pounds at pound rates. Three pounds or more at five pound rates.

By parcel post.

		By parcel post.			
		pkt.	oz.	$\frac{1}{4}$ lb.	lb.
360.	★KING OF MAMMOTHS. The largest and one of the best pie pumpkins grown, a good keeper and valuable also for feeding.....	\$0.05	\$0.15	\$0.40	\$1.50
361.	★QUAKER PIE. A very prolific variety, and one of the best for pies.....	.05	.15	.40	1.35
362.	★LARGE CONNECTICUT YELLOW FIELD. The standard field pumpkin; a sure cropper and a good keeper. Not postpaid: 5 lbs., \$5.25.....	.05	.10	.35	1.25
363.	SMALL SUGAR. The noted New England Pie Pumpkin; sweetest of all varieties;....	.05	.10	.35	1.25
364.	WINTER LUXURY. A new variety, pronounced by many the best pie pumpkin.....	.05	.15	.40	1.45
365.	CALHOUN. A small pie pumpkin, of extra fine quality.....	.05	.15	.50	1.85
366.	JAPANESE PIE. A new pumpkin, of Japanese origin; dry and sweet.....	.05	.15	.50	1.75
368.	LARGE CHEESE. A fine keeper, excellent for pies, also grown in large quantities for stock. Very productive. Not postpaid: 5 lbs., \$4.00.....	.05	.10	.30	1.00
369.	GOLDEN OBLONG. A new variety, very fine and productive.....	.05	.15	.40	1.35
369½.	OLDS' MIXTURE. Pumpkins all the season with one planting.....	.05	.10	.30	1.00

RADISH

Our list includes the best varieties, and our seed is grown from choice stock seed. Pkts. contain $\frac{1}{4}$ oz. of seed each, sufficient to sow from 25 to 30 feet of drill; 10 to 12 lbs. will sow an acre in drills.

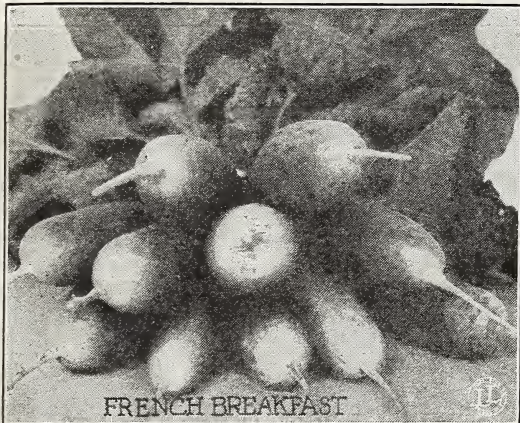


394. MIXED. Radishes the whole season. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.



370½. OLDS' BRIGHTEST WHITE TIP. A bright scarlet white tipped radish—see illustration. It is quite distinct in color and has a well defined clear white tip. It has a small top, is a rapid grower and is adapted for forcing. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50; 2 lbs. or more at \$1.40 per lb.

"OLDS' CATALOG TELLS THE TRUTH."

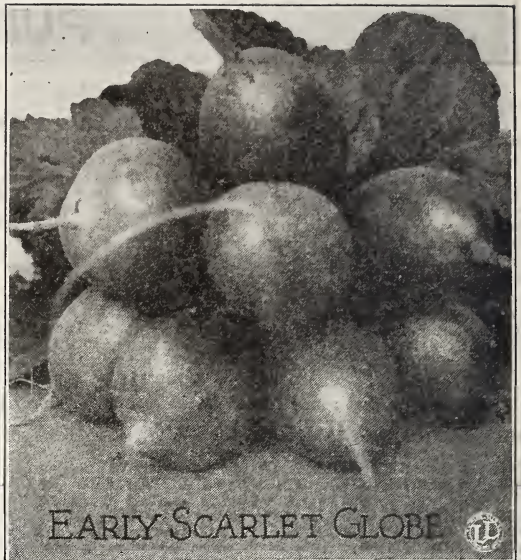


373. OLDS' IMPROVED FRENCH BREAKFAST. Early, handsome, tender and crisp. Deep, glossy crimson, with the white tips well defined. We consider this radish one of the best for forcing. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

371. OLDS' EARLIEST SCARLET TURNIP. A splendid extra early, round bright red radish. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35; 2 lbs. or more at \$1.25 per lb.

378. OLDS' SNOWBALL. The earliest white turnip, or globe-shaped radish. It is almost transparent. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.35; 2 lbs. or more at \$1.30 per lb.

Radish in common with other seed crops is short this year. Would advise placing orders early before stocks are exhausted.



377. EARLY SCARLET GLOBE. The best all round radish for early outdoor sowing. The skin is a bright scarlet; flesh pure white, crisp, tender and of delicious quality. Fine for the home garden and on account of its earliness, appearance and quality, just right for the market gardener. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.60.

GOOD HOME GARDENS CUT STORE BILLS.

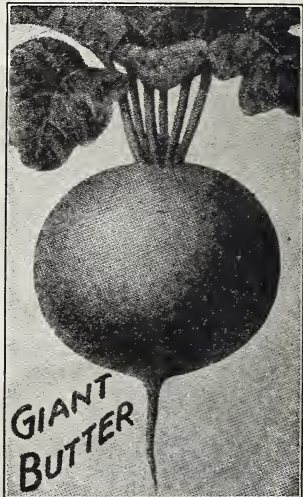


371½. OLDS' RED GLOBE FORCING. Grows quick and is the best for forcing indoors or out. Globe-shaped; bright red in color; crisp and tender. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.45; 2 lbs. or more \$1.35 per lb.

378½. OLDS' EARLIEST WHITE FORCING. Not only the earliest white radish, but the earliest of any color; pure white oblong and tender. Small tops, which permit close planting. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.60; 2 lbs. or more, \$1.50 per lb.

376. ★CRIMSON GIANT. A distinct forcing variety, and the best for first outdoor planting. The flesh is firm, crisp and tender. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.65.

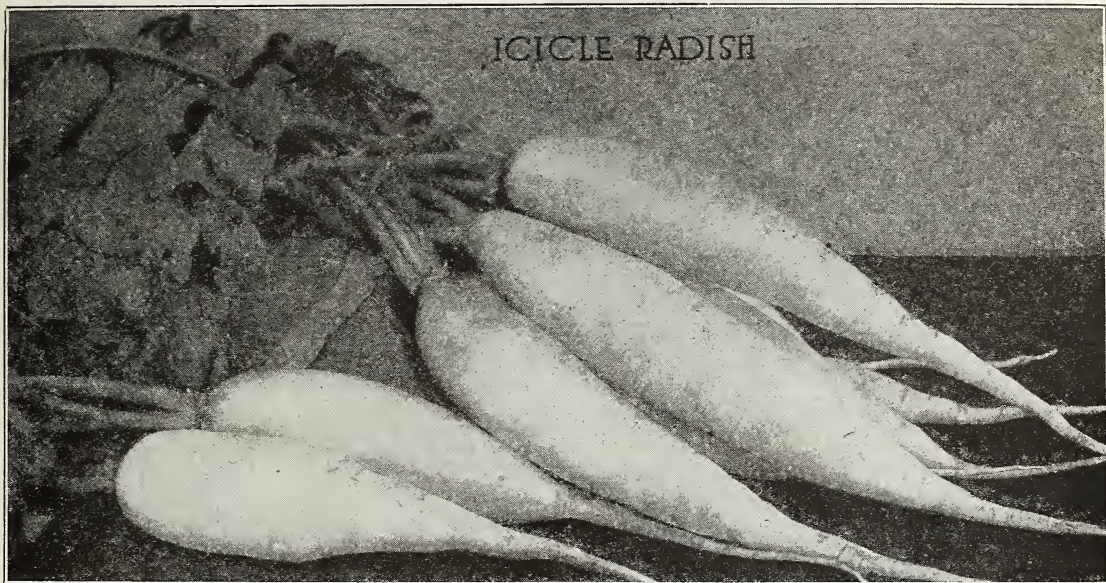
377½. GIANT BUTTER. A new early forcing variety. It is the largest, early turnip radish. It is of a fine round shape, vivid scarlet in color and very desirable for green-house or hot bed forcing. It is tender and crisp. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75; 2 lbs. or more at \$1.70 per lb.



This CATALOG is mailed without request to all who have ordered of us during the last three years. Please notify us of any change of post-office address.

SEED TESTING. We have the latest improved seed tester and the germination of our seed is ascertained before the seed is sent out. You can write us at any time for the germination of any seed you contemplate buying.

Order by number. See page 68 for full and complete list of Radishes.



ICICLE RADISH

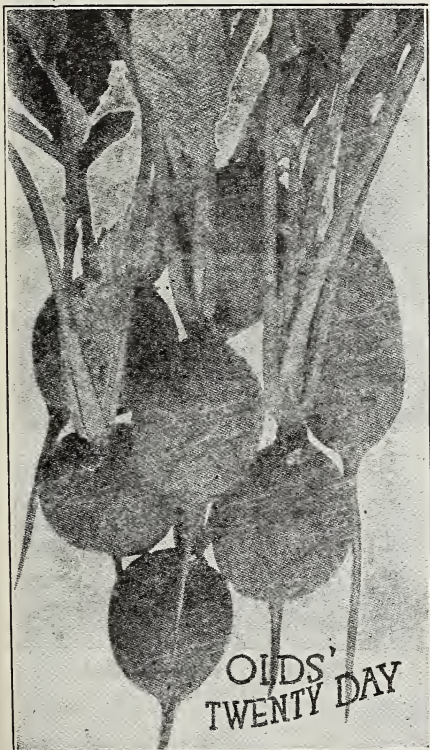
Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.45.

385. **★WHITE ICICLE.** The finest pure white, long variety; very early, with smooth symmetrically shaped roots—see illustration above. This radish is not only crisp and tender when young, but retains these qualities until the roots reach a large size. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.45; 2 lbs. or more, \$1.35 per lb.

379. **★NEW LEAFLESS.** A decided acquisition—small top, quick growth; flesh white, crisp, tender and of the best flavor. Pkt., 10c; 2 pkts., 15c.

380. **CRYSTAL BEAUTY.** A new long white radish, almost transparent; very uniform in size and shape. The flesh is firm, crisp and tender. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c.

393. **MAMMOTH JAPANESE.** A distinct variety, growing to an immense size. It should be treated as a summer, fall or winter radish. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.65.



374. **OLDS' TWENTY DAY.** Olds'

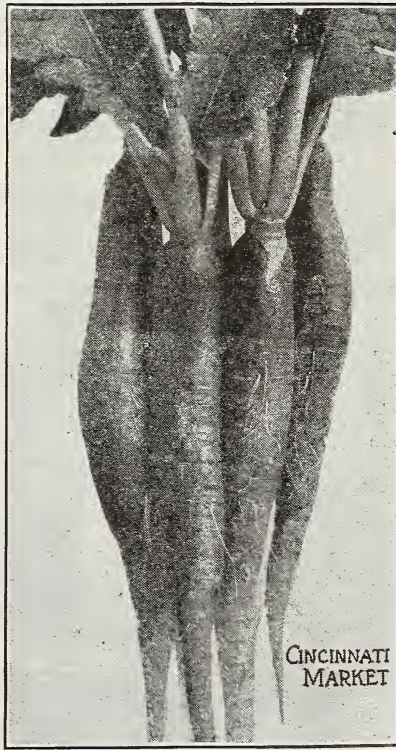
Twenty Day is a rich, bright scarlet olive shaped radish—see illustration opposite; pure white flesh, crisp and tender. It is fine for forcing and has been grown large enough to use in twenty days; also very desirable for first outdoor planting. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.35; 2 lbs. or more \$1.25 per lb.

374 $\frac{1}{2}$. **WHITE OLIVE SHAPED.** A splendid pure white olive-shaped radish; somewhat larger in size and a trifle later in maturing than our Earliest White Forcing. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c.

384. **CINCINNATI MARKET.** The finest long Red Radish in cultivation—see illustration; bright scarlet with small top. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

PLEASE NOTE:—We do not put up seed in fractions of ounces or pounds except as listed in our Catalog. If you order half ounces or half pounds, which are not so listed, we fill with packets or quarter pounds of the same value.

REMEMBER we pay the parcel postage on Garden and Flower Seeds, unless otherwise mentioned.



“OLDS' CATALOG TELLS THE TRUTH”



RADISH. Full List.

Half-pounds at pound rates. For larger quantities—see market gardeners' net price list.

By parcel post.

		pkt.	oz.	¼ lb.	lb.
370.	SCARLET TURNIP WHITE TIP. A very popular variety.....	\$0.05	\$0.15	\$0.40	\$1.35
370½.	OLDS' BRIGHTEST WHITE TIP. A distinct variety.....	.05	.15	.40	1.50
371.	★OLDS' EARLIEST SCARLET TURNIP. A small, round red variety.....	.05	.15	.40	1.35
371½.	OLDS' RED GLOBE FORCING. The best for forcing, outdoors or in.....	.05	.15	.40	1.45
372.	FIRST AND BEST. The best half-long radish.....	.05	.15	.45	1.65
373.	★OLDS' IMPROVED FRENCH BREAKFAST. Tender and crisp.....	.05	.15	.40	1.50
374.	OLDS' TWENTY DAY. Olive-shaped, deep red; crisp and tender. Page 67.....	.05	.15	.40	1.35
374½.	WHITE OLIVE SHAPED. A splendid, pure white, olive-shaped radish.....	.05	.15	.50	1.75
375.	SAXA. The earliest radish for forcing or outdoor culture. Crop almost a failure.....	.10	.20	.65	
376.	★CRIMSON GIANT. Best large radish for first outdoor planting.....	.05	.15	.45	1.65
377.	EARLY SCARLET GLOBE. Similar to Scarlet Turnip.....	.05	.15	.45	1.60
377½.	GIANT BUTTER. A new early forcing variety. Page 66.....	.05	.15	.50	1.75
378.	OLDS' SNOWBALL (White Box). The earliest white turnip-shaped.....	.05	.15	.40	1.35
378½.	OLDS' EARLIEST WHITE FORCING. The earliest pure white radish.....	.05	.15	.45	1.60
379.	★NEW LEAFLESS. Very quick grower; crisp and tender. ½ pkt. 5c.....	.10			
380.	CRYSTAL BEAUTY. A new, long, white radish; flesh white.....	.05	.15	.55	
381.	WHITE STRASBURG. A summer radish; of large size.....	.05	.10	.35	1.25
382.	BRIGHTEST LONG SCARLET. Handsome long red radish.....	.05	.15	.40	1.35
383.	IMPROVED CHARTIER. Long crimson, tipped with white.....	.05	.10	.35	1.25
384.	CINCINNATI MARKET. Early radish, with small tops—bright scarlet.....	.05	.15	.40	1.50
385.	★WHITE ICICLE. The best long, pure white radish; crisp and tender.....	.05	.15	.40	1.45
387.	EARLY LONG SCARLET. The standard long red radish.....	.05	.15	.40	1.35
389.	LONG WHITE VIENNA. One of the best long white radishes.....	.05	.15	.40	1.45
390.	NEW WHITE CHINESE. The best large white winter variety.....	.05	.15	.40	1.50
391.	CHINA ROSE WINTER. Rose colored and a good keeper.....	.05	.15	.45	1.65
392.	LONG BLACK SPANISH. Good keeper, black skin, white flesh.....	.05	.10	.35	1.25
393.	MAMMOTH JAPANESE. A new distinct variety; very large.....	.05	.15	.45	1.65
394.	MIXED RADISH. Radishes the whole season. Page 65.....	.05	.10	.30	1.00

RHUBARB

Rhubarb, or Pie Plant is the earliest spring vegetable. It can be grown easily from seed in one season. The stalks should not be used until the plants have had a full season's growth.

395. **LARGE VICTORIA.** The most popular variety; come true from seed. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.15.

RHUBARB ROOTS. We can also supply rhubarb roots—page 87. Special prices for quantity given on application.

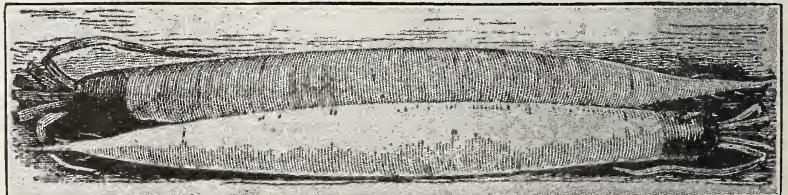
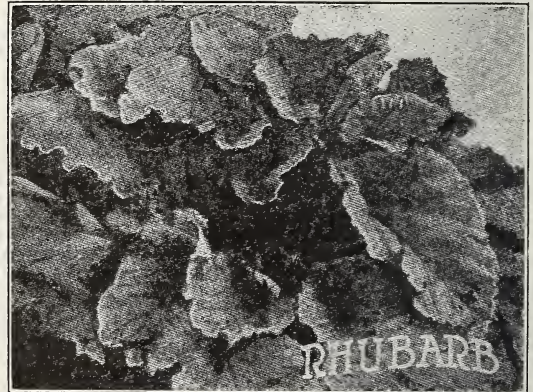
SALSIFY

There is no vegetable more rich and delicious than the Oyster plant or Salsify. It is splendid for winter use and ought to be more largely grown.

397. ★**MAM. SANDWICH ISLAND.** Large roots of fine quality and flavor. Mam. Sandwich Island grows nearly twice the size of the White French. Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$3.25; 2 lbs. or more, \$3.15 per lb. Not postpaid: 5 lbs., \$15.00.

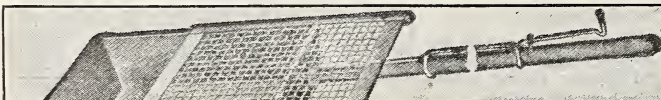
398. **WISCONSIN GOLDEN.** Originated in Wisconsin. Very much like the Mammoth Sandwich Island except that the roots have a yellow tinge. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 90c; lb., \$3.50.

REMEMBER. We pay the postage, unless otherwise noted.



PERFECTION CORN POPPER.

For popping Corn and Roasting Peanuts. The wire cloth top permits you to see the kernels burst and to know when the corn is done. Price, 50c; postpaid 60c.



Olds' Seeds are never found in the boxes at merchants and druggist.

SPINACH

Spinach is a very important market crop, and large quantities of seed are used every year. Owing to the embargo placed upon the export of Spinach from European countries, seed is hard to get and the price is higher.



400. **ROUND LEAVED.** A well-known standard, early variety; very hardy. Leaves large, thick, fleshy and bright green in color—illustrated above. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; 2 lbs. or more, 75c per lb.
400½. **VIROFLAY.** Large, thick-leaved variety. Crop short. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

402. **★BLOOMSDALE.** A great favorite: thick, dark green, wrinkled leaves (see illustration); hardy, of fine substance and flavor. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; 2 lbs. or more, 75c per lb.

403. **★OLDS' LONG SEASON.** The best long season variety—withstands the hot summer weather, without going to seed, better than any other. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c.

401. **LONG STANDING.** Leaves large, thick and crumpled with a fleshy appearance; very desirable. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 95c.

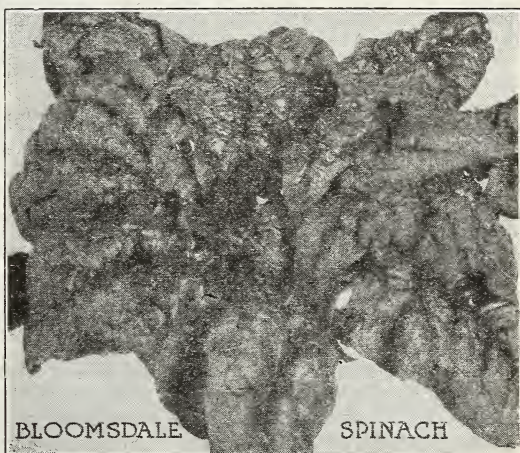
402½. **VICTORIA.** Very dark green leaves, almost black. It is fit to use early and remains good for a long time; suitable for market or the private garden. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

401½. **NEW JAPANESE.** Large tender leaves of the highest quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

403½. **NEW ZEALAND.** For mid-summer sowing; well adapted to dry localities. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.15.

404. **PRICKLEY OR WINTER.** For fall sowing. Very hardy and vigorous in growth. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 95c; 2 lbs. or more 85c per lb.

404½. **OLDS' MIXED** Spinach Seed will furnish greens all the season from one sowing. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

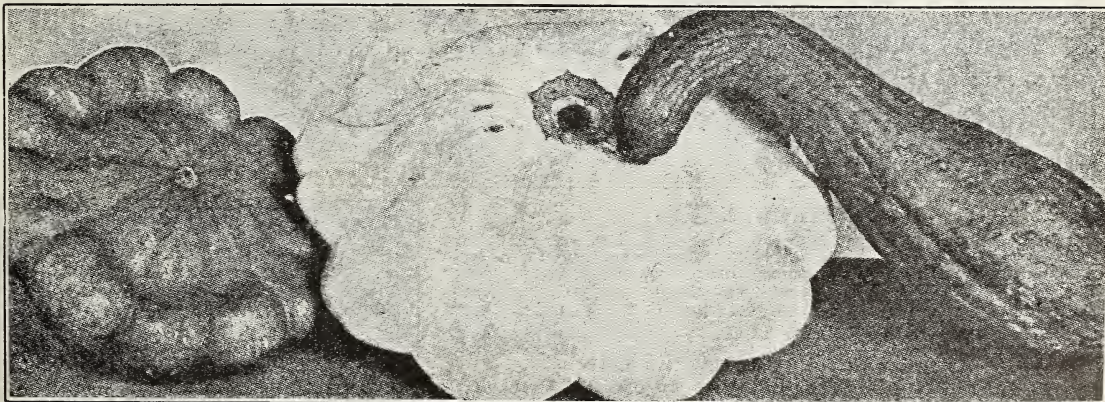


BLOOMSDALE

SPINACH

SQUASH

The seed we offer is from squash grown strictly for seed purposes. Our packets each contain ¼ oz. of seed, sufficient for 6 or 8 hills; 3 to 4 pounds of seed will plant one acre in hills. Those marked with a star are the varieties we specially recommend. Order by number.

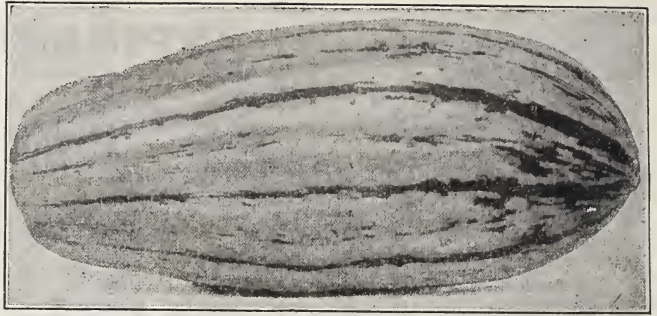
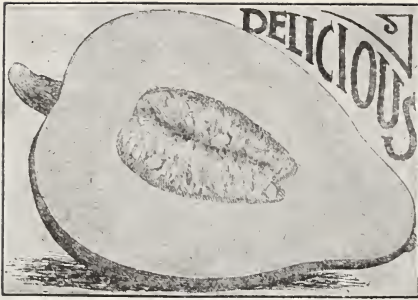


Mam. Yellow Bush. Pkt., 5c.

Mam. White Bush. Pkt., 5c.

Giant Summer Crookneck. Pkt., 5c.

If you have anything new that is good write us about it. Full and complete list of Squash—page 70.



410. **★DELICIOUS.** A recent introduction. One of the thickest-meated varieties, and one of the best for pies. Its color is a dark green, with occasionally a blue specimen; color of flesh, a deep orange. It cooks up drier and is finer-grained than most other squashes, and retains these qualities throughout the winter. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c.

405. **★MAMMOTH WHITE BUSH.** A true bush variety, about twice the size of the ordinary White Bush Scallop. The fruit is a clear white and very handsome in appearance—see illustration, page 69. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.45; 2 lbs. or more, \$1.35 per lb.

Good crops can be grown only from good seeds.

OUR FOUR HUBBARDS.

411. **★TRUE HUBBARD.** The standard winter squash. Large olive-shaped (see illustration), with dark green skin and very rich flesh. Almost every one is well acquainted with Hubbard squash. Our strain is extra fine. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.25.

412. **WARTED HUBBARD.** Similar to the above, but larger and heavily warted. Very handsome in appearance, and an excellent keeper. It has the hardest shell of all the Hubbards. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$2.00; 2 lbs. or more, \$1.95 per lb.

413. **GOLDEN HUBBARD.** Heavily warted like the above, with a rich orange-yellow skin, turning to a deep salmon-red when ripe. It is equally as productive and superior in quality, if anything, to the other Hubbards. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.85.

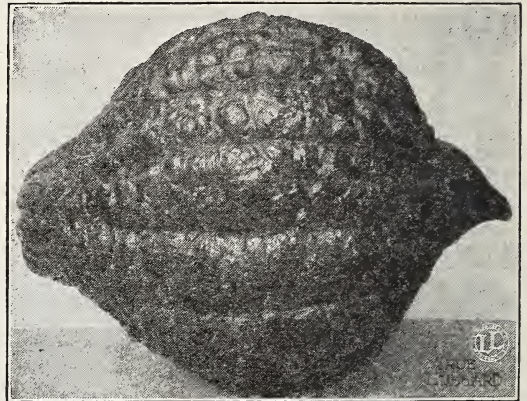
418. **BLUE HUBBARD.** The Symmes Blue Hubbard is an entirely distinct variety; light blue in color, very dry when cooked and resembling the Warted Hubbard in shape; very productive. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

420. **MAMMOTH CHILI.** A very large and attractive variety. The skin is a rich orange yellow, flesh thick, fine grained and sweet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.60.

Mammoth Chili. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c.

406. **MAMMOTH YELLOW BUSH.** The largest and most handsome bush squash—see illustration preceding page. The color is a rich golden yellow; flesh cooks dry and is fine for pies. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50; 2 lbs. or more, \$1.40 per lb.

407. **★GIANT SUMMER CROOKNECK.** The Summer Crookneck is a very old variety and almost every one is familiar with it. In the Giant Summer Crookneck we have the earliest summer squash and one much larger than the common variety—see page 69. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.



SQUASH. Full List.

Market gardeners' list (free on request), for larger quantities. $\frac{1}{2}$ lb. at pound rates.

		By parcel post.			
		pkt.	oz.	$\frac{1}{4}$ lb.	lb.
405.	MAMMOTH WHITE BUSH. A true bush variety; large and good shaped. Page 69.....	\$0.05	\$0.15	\$0.40	\$1.45
406.	★MAMMOTH YELLOW BUSH. The largest bush squash.....	.05	.15	.40	1.50
407.	★GIANT SUMMER CROOKNECK. The earliest summer squash.....	.05	.15	.50	1.75
408.	FORDHOOK. Very fine for pies. A good yielder and keeper.....	.05	.15	.40	1.50
409.	DELICATA. Very solid, rich and dry—extra fine for home use.....	.05	.15	.45	1.65
410.	★DELICIOUS. The thickest-meated squash yet introduced; cooks dry.....	.05	.15	.55	2.00
411.	★TRUE HUBBARD. The standard winter squash. See illustration.....	.05	.20	.60	2.25
412.	WARTED HUBBARD. Similar to the ordinary Hubbard, but larger.....	.05	.15	.55	2.00
413.	GOLDEN HUBBARD. Bright orange-yellow; see above.....	.05	.15	.50	1.85
414.	CHICAGO ORANGE MARROW. Best fall squash.....	.05	.15	.40	1.40
415.	BOSTON MARROW. Good for both fall and winter use.....	.05	.15	.40	1.45
416.	SIBLEY, or PIKE'S PEAK. A general favorite.....	.05	.15	.40	1.50
417.	VEGETABLE MARROW. Popular English garden variety; smooth skin.....	.05	.15	.40	1.45
418.	BLUE HUBBARD. A distinct variety, light blue in color, dry when cooked.....	.05	.15	.40	1.50
420.	MAMMOTH CHILI. The largest of all squashes. Illustrated above.....	.05	.15	.45	1.60
424.	OLDS' MIXTURE. Squashes all the season with one sowing.....	.05	.15	.40	1.35

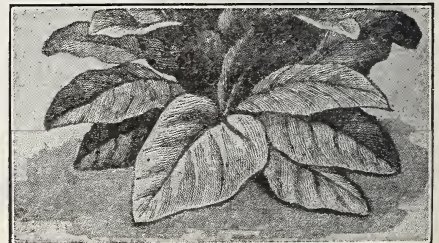
TOBACCO SEED.

We are located in the Wisconsin tobacco district and offer below the best seed that can be procured. Our packets each contain $\frac{1}{8}$ oz. of seed; one ounce of seed will produce plants enough for an acre of tobacco.

500. **COMSTOCK'S SPANISH.** The favorite variety in Wisconsin. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., \$1.10; lb., \$4.25.

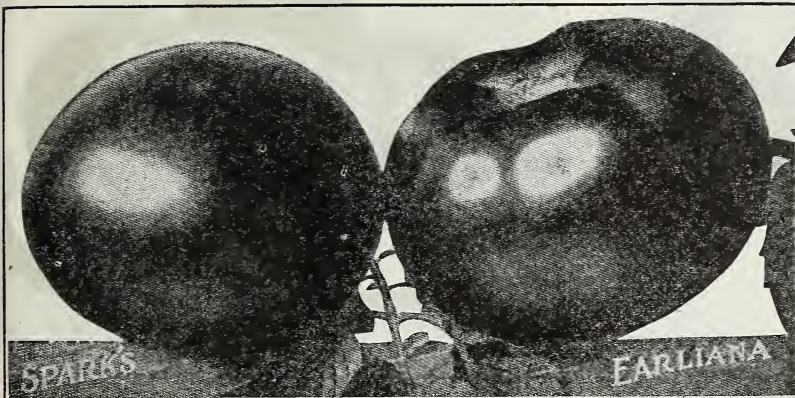
501. **CONNECTICUT SEED LEAF.** Leaves of good length and width and the variety best adapted to the middle and northern states. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$3.00.

502. **IMPROVED WHITE BURLEY.** An improved strain of the tobacco that has made Tennessee famous. It has a broad leaf and is much used for wrappers. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lbs., 70c; lb., \$2.50.



TOMATO

Our seed is from tomatoes grown for seed, and from choice selected seed stock. Our packets each contain seed enough to produce 300 plants; 3 ozs. of seed will plant an acre. Those marked with a star are the varieties we specially recommend. Order by number.



425. **★SPARK'S EARLIANA.** No variety of recent introduction has attracted more attention than this. Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Handsome in shape, of a dark red color and very firm—flesh deep red. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c.

444. **BONNY BEST.** An extra fine early variety for the home garden; a few days later than the Earliana. The color is bright scarlet; ripens evenly to the stem without crack or black spot. Very productive and a fine shipper, being even in size and packing well in a crate or basket. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c.

428½. **EARLY DETROIT.** A new variety of great merit. It is a purple tomato; ripens early and continues in bearing for a long time with a heavy yield; fruits are large, smooth and of excellent quality. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 85c.

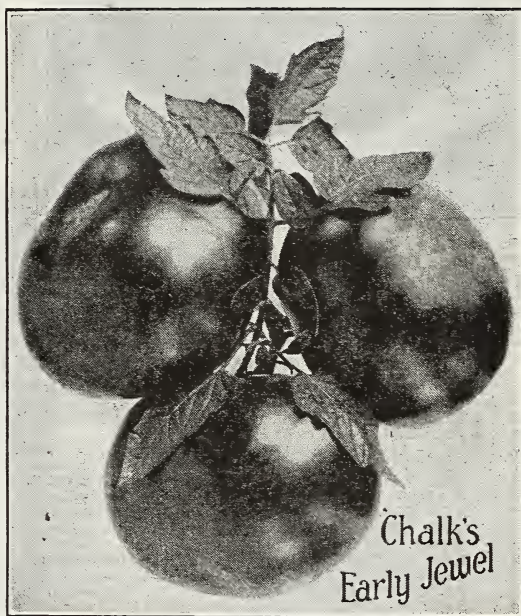
436½. **JOHN BAER.** A new variety of merit. It is a few days later than Earliana, but produces a much heavier crop. Tomatoes large, uniform in shape and bright red in color. It is the most profitable of any of the extra early varieties. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 90c.



427. Pkt., 5c; ½ oz., 15c; oz., 20c; ¼ lb., 70c.

440. **★LIVINGSTON'S GLOBE.** This tomato is a beautiful globe in shape, resembling a peach in form (see illustration next page). On account of its shape, a great number of slices can be taken from each tomato. It ripens with the first earlies. The fruits are large, smooth, firm and with few seeds; it ripens evenly, with a fine, glossy rose color, tinged with purple. Very productive. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 5c.

429. **★MATCHLESS.** Well worthy of its name—it is hard to match. It produces large red fruits throughout the entire season; very solid, heavy and free from any ore. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c.



434. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 90c.

426. **★SUCCESS.** A new tomato well worthy of the name "Success." It is just right for a second early; bright scarlet, of fine flavor and handsome in appearance. The vines are strong and vigorous; fruits set in clusters and average three inches in diameter. The handsome appearance, even size and great solidity of Success make it an excellent market variety, while its deep color and firmness make it also well adapted for canning. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 75c.

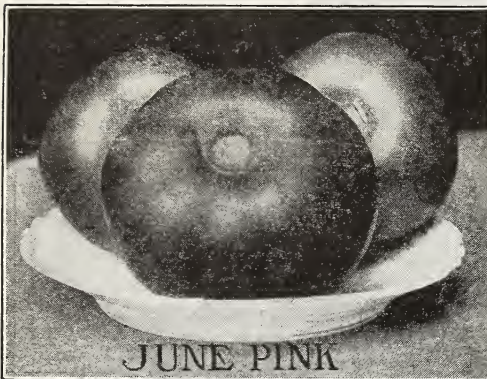
433. **NEW MAGNUS.** One of the finest yet introduced; four clusters of large fruits where other varieties have only three. Very uniform in size. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 80c.



440. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 85c.

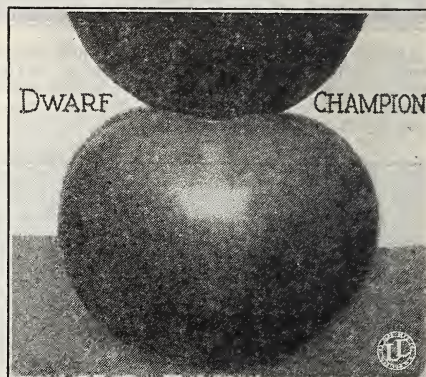


442. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 95c.



JUNE PINK

443. **JUNE PINK.** The earliest of all pink tomatoes. It is a good yielder, of high quality and runs very smooth for an early sort; similar in habit and shape to the Earliana, differing from it in color only, which is pink instead of red. The June Pink while primarily an early tomato continues to bear and ripen fruit up to frost. The fruit is borne in clusters, single specimens often measuring 3 inch-



432. **DWARF CHAMPION.** A very popular dwarf variety; desirable where space is limited; fruit is smooth, solid and medium in size; color pink. Pkt., 5c; ½ oz., 20c; oz., 30c; ¼ lb., \$1.15.

es in diameter. Pkt., 5c; ½ oz., 15c; oz., 25; ¼ lb., 90c.
439. **OLDS' GOLDEN BEAUTY.** (Golden Queen). A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 85c.



TOMATOES. Complete List.

One pound of any variety at three and three-fourths times the price of ¼ lb.

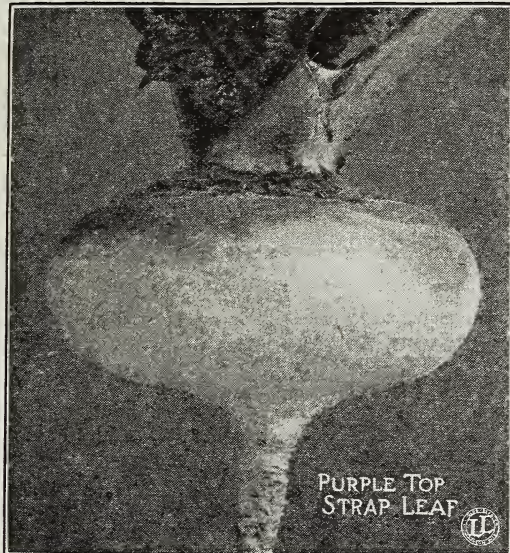
By parcel post.

	pkt.	½ oz.	oz.	¼ lb.
425. ★ SPARK'S EARLIANA. Very early, and remarkable for its large size.....	\$0.05	\$0.15	\$0.25	\$0.80
426. ★ SUCCESS. Just right for a second early.....	.05	.15	.25	.75
427. ★ NEW STONE. Best of all for main crop; large, smooth and solid.....	.05	.15	.20	.70
428. FORDHOOK FIRST. A very satisfactory first early.....	.05	.15	.25	.85
428½. EARLY DETROIT. A new variety of great merit. Page 71.....	.05	.15	.25	.85
429. ★ MATCHLESS. Produces large, red tomatoes the entire season.....	.05	.15	.25	.80
430. NEW DWARF STONE. A recent introduction; strong, upright vines.....	.05	.20	.30	1.00
431. TRUCKERS' FAVORITE. A large, purple tomato; very productive.....	.05	.15	.25	.80
432. DWARF CHAMPION. A popular dwarf variety.....	.05	.20	.30	1.15
433. NEW MAGNUS. One of the finest yet introduced. Page 71.....	.05	.15	.25	.80
434. CHALK'S EARLY JEWEL. One of the largest and finest. See illustration page 71.....	.05	.15	.25	.90
435. EARLY MICHIGAN. One of the best for second early.....	.05	.15	.20	.70
436. EARLY ACME. The standard bright pink tomato.....	.05	.15	.25	.75
436½. JOHN BAER. The most profitable cropper of any of the extra early varieties.....	.05	.15	.25	.90
437. PONDEROSA (Henderson's). The largest of all.....	.10	.20	.35	1.25
438. ★ ENORMOUS. The largest and smoothest tomato grown.....	.10	.25	.40	1.30
439. OLDS' GOLDEN BEAUTY. Large, smooth and pure yellow.....	.05	.15	.25	.85
439½. OLDS' PINK BEAUTY. The best midseason pink variety.....	.05	.15	.25	.70
440. ★ OLDS' NEW GLOBE. Livingston's 1905 Introduction. Page 71.....	.05	.15	.25	.85
441. THE HUMMER. Livingston's 1907 Introduction.....	.05	.15	.25	.85
442. NEW CORELESS. Livingston's 1908 Introduction. Illustrated above.....	.05	.15	.25	.90
442½. MANYFOLD. Livingston's 1917 Introduction. See outside back cover. ½ size pkt. .05.....	.10	.20	.35	1.25
443. JUNE PINK. The earliest of all pink tomatoes. Illustrated above.....	.05	.15	.25	.90
444. BONNY BEST. A fine early home variety. See Page 71.....	.05	.15	.25	.80
SMALL FRUITED VARIETIES. 445, Peach; 446, Yellow Pear; 446½, Red Pear; 447, Yellow Plum; 447½, Red Plum; 448, Red Cherry; 448½, Yellow Cherry; 449, Red Currant; 449½, Grape, each.....	.05	.15	.25	.95
450. SMALL FRUITED VARIETIES MIXED. Red, white and yellow.....	.05	.20	.30	1.15
451. LARGE FRUITED VARIETIES MIXED. Tomatoes all season.....	.05	.15	.20	.70
455. STRAWBERRY or GROUND CHERRY. Yellow Husk Tomato. Fine for preserving.....	.10	.20	.35	1.25

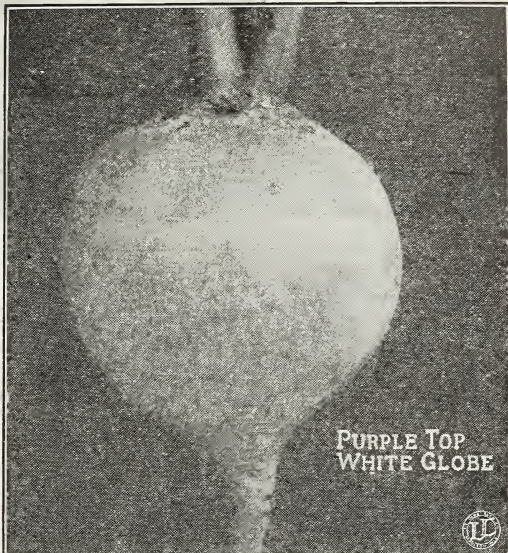
TOMATOES ALL SEASON. One packet, each, four (5 cent) named varieties for 15c.

TURNIP AND RUTABAGA

Our seed is grown on the best adapted soils, and from selected stocks. Each packet contains $\frac{1}{4}$ oz. of seed, sufficient to sow 50 feet or more; 1 lb. will sow one acre in drills; 2 to 3 lbs., an acre broadcast. Those marked with a star are the varieties we specially recommend. Order by number. Three pounds or more at 5-pound rates.



PURPLE TOP
STRAP LEAF



PURPLE TOP
WHITE GLOBE



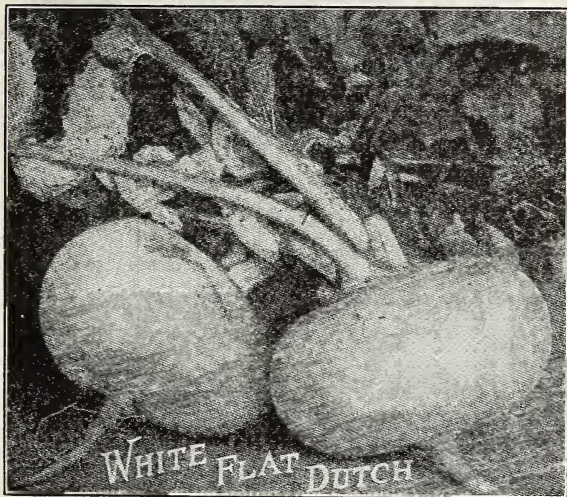
460. **★OLDS' PURPLE TOP STRAP LEAF.** The well-known standard variety, and a great favorite for table use. Flat in shape, purple above ground, and white below. Our seed of this variety is of the best, and we sell more of this one sort than of all others combined. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50; 2 lbs. or more, \$1.40 per lb.



465. **★OLDS' PURPLE TOP WHITE GLOBE.** Very attractive in appearance; a rapid grower, with pure white flesh; a sure cropper, and a great yielder. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75; 2 lbs. or more, \$1.65 per lb.



470. **OLDS' HEAVY CROPPER.** Round, yellow and very productive. One of the best varieties to grow as a field crop for stock; color of skin yellow above ground, white below, flesh yellow, fine grained and sweet. Grows to a large size, is hardy, keeps well and is the heaviest cropping variety we know of. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 55c; lb., \$2.00.



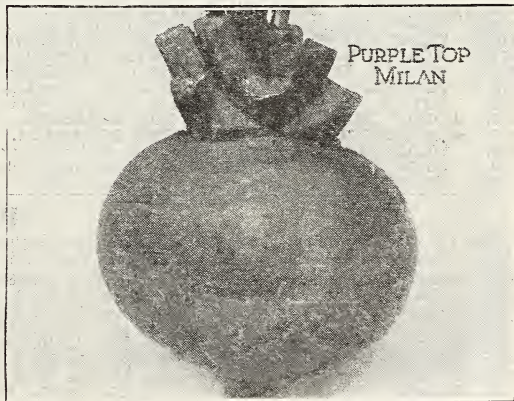
WHITE FLAT DUTCH

461. **★EXTRA EARLY PURPLE TOP MILAN.** A new strap-leaved turnip—the earliest in cultivation. The bulb is flat, of medium size, quite smooth and with a purple top; illustrated opposite. Flesh white, hard and of fine quality. It is a good keeper. Pkt., 10c; 2 pkts., 15c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.65.

462. **EARLY WHITE MILAN.** The tops are small, upright and compact. The roots are white and very smooth. The flesh white, mild and sweet—desirable for early use. Pkt., 10c; 2 pkts., 15c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.75; 2 lbs., or more, \$2.65 per lb.

463. **WHITE FLAT DUTCH.** A popular table variety. The roots are of medium size, flat, flesh pure white, fine grained and sweet—see illustration opposite. The roots are in the best condition for table use, when about two and one-half inches in diameter; can also be grown as a field crop. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.75; 2 lbs. or more, \$1.65. Not postpaid: 5 lbs., \$7.75.

“OLDS' CATALOG TELLS THE TRUTH.”



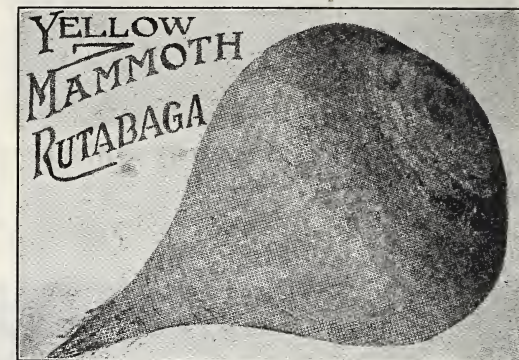
PURPLE TOP
MILAN



475. **★OLDS' IMPROVED PURPLE TOP RUTABAGA.** An improved strain of the well-known standard variety. It is a heavy yielder and without tendency to long neck. It is hardy, productive, a good keeper and very satisfactory for both table use and stock. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.85; 2 lbs. or more, \$1.75 per lb. Not postpaid: 5 lbs., \$8.25.

476. **★IMPROVED YELLOW MAMMOTH RUTABAGA.** In our opinion the most profitable sort to grow, as it is the hardest, heaviest, best shaped and most productive. Pkt., 5c; oz. 15c; ¼ lb., 55c; lb., \$2.00; 2 lbs. or more, \$1.90 per lb. Not postpaid. 5 lbs., \$9.00.

An illustrated book on "Home Floriculture," free with an order for flower seeds, plants and bulbs amounting to \$2.00 or more.



TURNIP AND RUTABAGA. Full List.

For larger quantities-see our market gardeners' net price list-free on request.

		By parcel post.			
		pkt.	oz.	¼ lb.	lb.
460.	★PURPLE TOP STRAP LEAF. A well-known standard variety.....	\$0.05	\$0.15	\$0.40	\$1.50
461.	★EXTRA EARLY PURPLE TOP MILAN. The earliest turnip.....	.10	.25	.70	2.65
462.	EARLY WHITE MILAN. A rapid grower and very handsome.....	.10	.25	.70	2.75
463.	WHITE FLAT DUTCH. Flat, smooth, white, of medium size and a quick grower. One of the best. 5 lbs., not prepaid, \$8.00.....	.05	.15	.50	1.75
464.	WHITE EGG. A quick grower, egg-shaped, smooth, with small top.....	.05	.15	.50	1.85
465.	★PURPLE TOP WHITE GLOBE. An early variety, globe-shaped.....	.05	.15	.50	1.75
466.	★SNOWBALL. Best white turnip for table use.....	.05	.15	.50	1.85
467.	COW HORN. Grows large; fine for fall or winter.....	.05	.15	.50	1.85
470.	OLDS' HEAVY CROPPER. Round, yellow and very productive.....	.05	.15	.55	2.00
471.	GOLDEN BALL. The best yellow turnip for table use.....	.05	.15	.45	1.65
472.	YELLOW ABERDEEN. The best yellow turnip for stock.....	.05	.15	.50	1.75
473.	JAPANESE. A new variety from Japan. Best Japanese grown seed.....	.05	.10	.30	1.00
474.	MIXED. Purple, white and yellow turnips all summer.....	.05	.10	.30	1.00
475.	★OLDS' IMPROVED PURPLE TOP RUTABAGA. The old standard.....	.05	.15	.50	1.85
476.	★IMPROVED YELLOW MAMMOTH RUTABAGA. Of good shape. See illustration above.....	.05	.15	.55	2.00
478.	OLDS' LARGE WHITE. Skin white; flesh white and sweet.....	.05	.15	.50	1.75
479.	OLDS' GOLDEN HEART. Fine grained, mild and sweet.....	.05	.15	.55	2.00
479½.	MIXED. A fine assortment of yellow and white rutabagas.....	.05	.15	.40	1.50

HERBS.

The following medicinal herbs are so well known they need no special description. What is more healthful than Fennel, Sage or Anise tea? Herbs are also much used for flavoring; very desirable for an unused corner of the garden.

480. Anise	Pkt. 5c, oz. 25c, ¼ lb. 80c	490. Rosemary	Pkt. 5c, oz. 40c, ¼ lb.
481. Balm	Pkt. 5c, oz. 45c, ¼ lb. 1.65	492. Sage	Pkt. 5c, oz. 50c, ¼ lb. 1.75
483. Caraway	Pkt. 5c, oz. 70c, ¼ lb. 2.50	493. Summer Savory	Pkt. 5c, oz. 45c, ¼ lb.
485. Dill	Pkt. 5c, oz. 15c, ¼ lb. 40c	494. Winter Savory	Pkt. 5c, oz. 40c, ¼ lb. 1.50
486. Fennel, Sweet	Pkt. 5c, oz. 25c, ¼ lb. 90c	496. Thyme	Pkt. 5c, oz. 40c, ¼ lb. 1.50
487. Horehound	Pkt. 5c, oz. 35c, ¼ lb. 1.15	498. Wormwood	Pkt. 5c, oz. 35c, ¼ lb. 1.25
488. Lavender	Pkt. 5c, oz. 40c, ¼ lb. 1.50	499. Mixed (all the above)	Pkt. 5c, oz. 20c, ¼ lb. 60c
489. Majoram, Sweet	Pkt. 5c, oz. 25c, ¼ lb. 90c		



Our Flower Seeds are equal to the best offered anywhere. Our list has been revised, new varieties of merit added and inferior sorts thrown out.

Customers may send \$1.00 and select Flower Seeds, in packets, to the value of \$1.25. For \$2.00, select \$2.60 worth of packets. For \$3.00, select \$4.00 worth, but remember this offer applies to packets only.

Order by the number, as shown at the left of each variety. Wherever the following abbreviations occur, A indicates Annual, one that grows, blooms and dies the first year from seed; B indicates Biennial, that blooms the second year from seed; P indicates Perennial, that usually blooms the second year from seed, and continues to grow and bloom several years—if sown early, some Biennials and Perennials will bloom the first year; H means Hardy, H H means Half Hardy, and T Tender—thus, H. H. A. is a Half Hardy Annual.

ABUTILON (Chinese Bell Flower). A splendid house plant. T. P.

820. Fine Mixed. Extra fine. Pkt., 10c; 2 pkts., 15c.

AGERATUM (Floss Flower). Fine bedding plants; valuable for borders. H. H. A.

825. Fine Mixed. Pkt., 5c.

ALYSSUM. A great favorite. H. A.

830. Sweet Maritimum. White. Pkt., 5c.

831. Little Gem. Snow-white. Pkt., 5c.

832. Little Dorrit. Very compact; excellent for beds or borders. Pkt., 5c.

AMARANTHUS. A very strong and rapid grower; ornamental foliage. H. H. A.

835. Splendens. Finest mixed. Pkt., 5c.

ANTIRRHINUM (Snapdragon). Very showy; blooming first season from seed. H. P.

840. Dwarf Mixed. Compact. Pkt., 10c; 2 pkts., 15c.

841. Giant Fragrant. Mixed. Large, double, fragrant flowers. Pkt., 10c; 2 pkts., 15c.

842. Snowflake. Pure white. Pkt., 10c; 2 pkts., 15c.

843. Pink Beauty. Rose-colored flowers. Pkt., 10c.

AQUILEGIA (Columbine). Splendid for permanent borders; of easy culture. H. P.

845. Double Mixed. Very fine. Pkt., 5c.

ASPARAGUS PLANT. A beautiful plant for the house; easily raised from seed. It can be started any time.

850. Plumosus Manus. Pkt., 15c; 2 pkts., 25c.

ASTERS. Choice varieties, with illustrations—page 76.

BACHELOR'S BUTTON (Centaurea Cyanus). Free flowering plant; blooms until frost. H. A.

855. Mixed. Very choice. Pkt., 5c.

BALSAM.

Balsams, like asters, are one of our specialties. Our strain cannot be excelled. Large double flowers in great abundance. H. A.



860. Old's Camellia Flowered Mixed. Large, perfect, double flowers. Mixed colors. Pkt., 5c.

861. White Perfection. Pkt., 10c; 2 pkts., 15c.

CALENDULA (Pot Marigold). Profuse bloomers all summer. H. A.

865. Double Mixed. Fine shades. Pkt., 5c.

CALIFORNIA POPPY (Eschscholtzia). Compact and bushy; fine foliage, covered with a mass of showy flowers.

870. Fine Mixed. Many colors. Pkt., 5c.

871. Rose Queen. Rose carmine. Pkt., 5c.

872. Carmine King. Carmine rose. A new and distinct color in this charming annual; novel, brilliant and very effective. Pkt., 5c.

873. Golden. The true wild California Poppy; selected for the largest flowers and deepest orange colors. Pkt., 5c.

CALLIOPSIS (Coreopsis). One of our best free blooming summer plants; of easy culture.

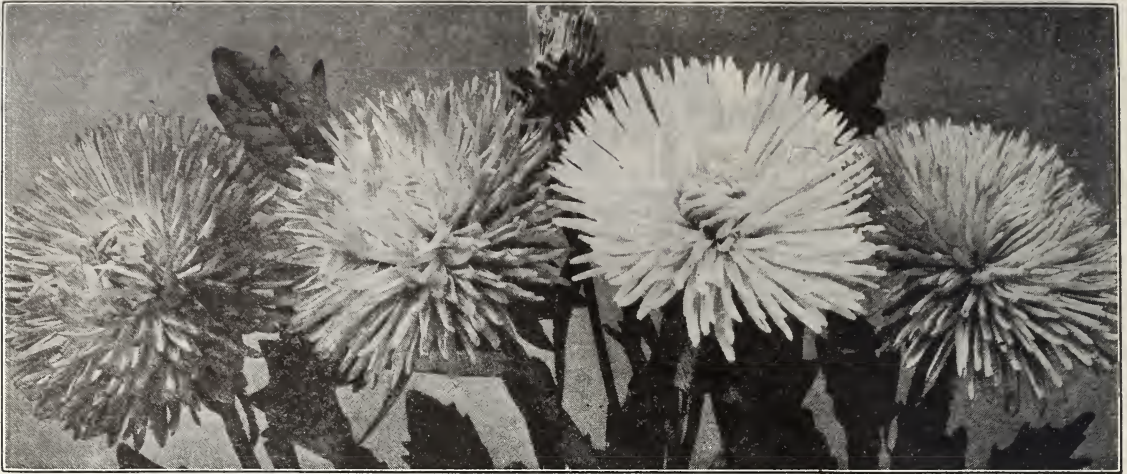
875. Fine Mixed. Fine for cut flowers. Pkt., 5c.

CANARY BIRD FLOWER. One of the most desirable climbers producing yellow-fringe flowers. H. H. A.

880. Tropaeolum Canariense. Pkt., 5c.

CANNA, Large Flowering French. A new and distinct class producing very large flowers.

890. Crozy's Best Mixed. All the finest colors. Soak the seed twelve hours in warm water before sowing. Pkt., 5c; oz., 25c.



ASTERS.

Packets contain about 150 seeds each.

No plant produces a more handsome effect, and no garden is complete without these old favorites; of easy culture.

800. Olds' Finest Mixed. Largest flowering finest mixed. This is a mixture of the best varieties; large flowers; bright colors and a splendid assortment. See illustration above. Pkt., 5c.

801. Peony Flowered Mixed, Truffaut's. Plants literally covered with large, double flowers. Pkt., 5c.

802. Giant Comet Mixed. Immense double flowers, resembling chrysanthemums. Pkt., 5c.

803. Victoria Mixed. Very handsome. The petals curve out and down, while those of the Peony Flowered curve up and in. Pkt., 5c.

803½. Sensation. This is the reddest of all Red Asters. The bright color glistens in the sunshine like a live coal. Pkt., 5c; 3 pkts., 15c.

804. Chrysanthemum—Flowered. Dwarf mixed; large, handsome flowers. Pkt., 5c.

805. Heart of France. The best pure red Aster ever introduced—illustrated below; flowers large and full; plants branching in type and robust in habit. Pkt., 25c; 2 pkts., 40c.

806. White Ostrich Plume. Without doubt one of the finest asters grown. Large, graceful flowers, free from all stiffness; very suitable for cut flowers. Pkt., 5c.

807. Model Ostrich Plume. A new distinct variety; bright rose colored flowers. Pkt., 5c; 3 pkts., 15c.

808. White Perfection. The finest midseason white aster in cultivation. The flowers are four inches in diameter, of fine form and produced on tall upright stems. Pkt., 5c.

809. New Japanese. A very striking variety. Tassel-shaped flowers. Pkt., 5c; 3 pkts., 15c.

810. Snowball. The best dwarf, white aster. A profuse bloomer: snow-white flowers of immense size. Pkt., 5c; 3 pkts., 15c.

810½. Peach Blossom. A decided and most pleasing shade of lavender pink. The flowers are large and thick and have a massive effect. Pkt., 5c; 3 pkts., 15c.

811. Daybreak. Delicate pink, globe-shaped. Pkt., 5c.

811½. Pink King. Entirely distinct in form from any other variety; petals somewhat quilled, the center ones being curled, completely covering the crown—see illustration. Pkt., 5c; 3 pkts., 15c.

812. Alice Roosevelt. Large yellow flowers changing to flesh color. Pkt., 5c.

812½. Silver Rose. A robust, long stemmed, large flowering new variety. Ashes of Roses exactly describes the color of this new aster—illustrated below. Pkt., 25c; 2 pkts., 40c.

813. Violet King. Handsome, violet-colored. Pkt., 5c.

814. White Hercules. Strong stems 15 to 20 inches high; white flowers 6 to 7 inches in diameter. Pkt., 5c.

815. Vick's Cardinal. The best bedding aster. Pkt., 5c.

816. Purity. Large double flowers, of fine form and pure snowy whiteness. To secure the largest flowers, plant early in spring. Pkt., 5c; 3 pkts., 15c.

816½. Pink Enchantress. A very attractive, new variety. The flowers are large and full; borne on long, graceful stems. The color is a soft delicate pink and usually lasting—see illustration. Pkt., 5c; 3 pkts., 15c.

817. Christmas Tree. Large flowers; plants compact and pyramidal in form. Pkt., 5c.

818. Mikado Pink. A new variety, recently chosen the representative flower of the city of Rochester, N. Y., and probably the most popular Aster of today. Long graceful stems, producing large, lavender pink flowers. Pkt., 5c.

819. Upright Pink. A single plant of this variety is a bouquet in itself. When the flower first opens it is almost white, shading to a decided lavender pink. Pkt., 5c.

1.25 worth of Flower Seeds in Pkts. for 1.00

2.60 worth of Flower Seeds in Pkts. for 2.00

4.00 worth of Flower Seeds in Pkts. for 3.00





Cosmos, Giant-Flowered Mixed. Pkt., 5c.

CANDYTUFT.

One of the most popular flowers grown; fine for beds or edgings.

H. A. 885. Olds' Choice Mixed. A fine assortment of sorts and colors mixed. We have been very careful with this mixture. Pkt., 5c.

886. Giant Empress. A new sort. Flowers borne on long spikes. Pure white. Pkt., 5c.

887. Snowflake. Free flowering. Pkt., 5c.

888. Dwarf Hybrids Mixed. Dwarf and compact. Pk., 5c.

CANNA. (890.) Crozy's Best Mixed. Page 75.

CANTERBURY BELLS (Campanula Medium). Handsome, rich and stately; profuse bloomers.

895. Mixed. Best and most striking single and double varieties. Pkt., 5c.

CARDINAL CLIMBER. Very beautiful and most desirable. H. A. 898. Bright Red. Considered the most beautiful climber ever introduced. It is a strong rapid grower, producing flowers borne in clusters. Packet, containing about 20 seeds, 10c; 2 pkts., 15c.

CARNATIONS. From seed. Carnations will bloom in about four months after sowing—seed sown in the fall, slightly protected over winter, will produce plants in full bloom early in the spring. H. H. P. 900. Marguerite. New Giant; producing large flowers of fine form—illustrated above. Pkt., 5c.

CELOSIA (Cockscomb). Plume-shaped flowers. 905. Ostrich Plume. Crimson flowers, curled like an ostrich plume. Pkt., 5c.

CENTAUREA. Profuse bloomers, suitable for bouquets and general floral decoration. H. A.

910. Margaret. Pure white flowers. Pkt., 5c; 3 pkts., 10c.

911. Imperialis. A new, sweet-scented Centaurea; very showy. Pkt., 5c.

CHRYSANTHEMUM.

Blooming continually all summer; suitable for pot culture. H. A. 915. Mixed. Single and double. Pkt., 5c.

916. Snowball. Large, perfect, pure white flowers. Pkt., 5c.

917. Dwarf Golden Gem. Compact. Pkt., 5c.

918. Dwarf Primrose. Bright primrose. Pkt., 5c.

COBAEA SCANDENS. One of our finest summer climbers, a very rapid grower. H. H. P.

920. Purple. Bell-shaped flowers. Pkt., 5c; 3 pkts., 10c.

COSMOS.

A very handsome flower, becoming more popular every year. One of the last flowers to bloom in the fall; fine for vases. H. H. A.

925. Giant-Flowered Mixed. Pkt., 5c.

926. Early Dwarf Dawn. A new variety. Pkt., 5c.

927. Lady Lenox. A new giant-flowered variety—illustrated above. Pkt., 5c.

928. Mammoth White Perfection. An improved variety; fine for vases, keeping several days in water. Pkt., 5c.

CYPRESS VINE. A very beautiful climber.

930. Mixed. Rose, scarlet and white. Pkt., 10c; 2 pkts., 15c.

931. Ivy Leaved. A new scarlet variety with ivy-shaped leaves. Pkt., 10c; 2 pkts., 15c.

CYCLAMEN. A beautiful pot plant, flowering from seed the first year.

933. Giant Flowered. Mixed. 25 seeds, 15c; 15 seeds, 10c.

DAHLIAS.

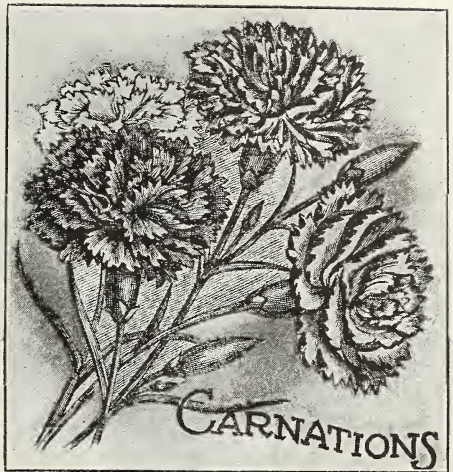
From Seed; blooming the first season. H. H. P. Dahlia Bulbs, pages 85, 86 and 87.

935. Double Mixed. Large flowering. Pkt., 5c.

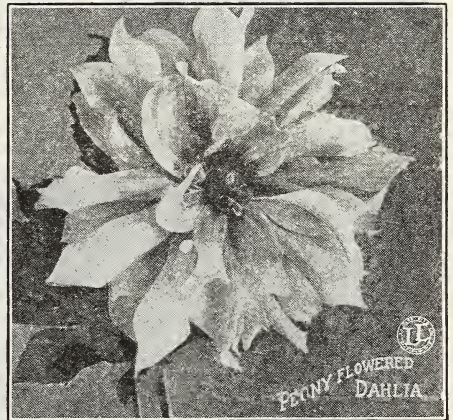
936. Superb Single. Mixed colors. Pkt., 5c.

937. Double Peony Flowered. Large flowers from seed. See illustration above. Pkt., 5c.

Where food will not grow, grow flowers. Don't plow up the lawn.



CARNATIONS



PEONY FLOWERED DAHLIA



SHASTA DAISY

DOUBLE DAISIES.

One of the most charming early spring flowers; very easily raised from seed. H. H. P.

940. Fine Mixed. All colors. Pkt., 15c; 2 pkts., 25c.

941. New Snowball. Very large and double. Pkt., 10c.

942. The Bride. Pure white. Pkt., 10c; 2 pkts., 15c.

943. Delicata. White, tinged with rose. Pkt., 10c.

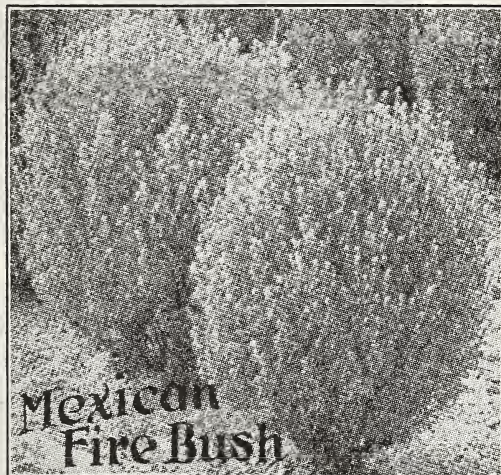
944. Shasta. Large graceful flowers. Pkt., 5c.

944½. Golden Orange DAISY. Page 78. Pkt., 5c.



941½. Golden Orange DAISY. A new annual for the summer garden. Large, bright, rich, golden-orange colored flowers. Pkt., 5c.

DATURA. Showy trumpet-shaped flowers. H. A.
945. Cornucopia (Horn of Plenty). Pkt., 5c.



DIANTHUS.

One of the most bountiful bloomers the garden can contain; blooming the first summer and also the second if protected over winter. Illustrated above. H. B.

- 950. Double Chinese. Extra choice. Pkt., 5c.
- 951. Single Chinese. Extra fine. Pkt., 5c.
- 952. Imperialis fl. pl. Mixed colors. Pkt., 5c.
- 953. Little Gem. With carmine eye. Pkt., 10c.
- 954. Purity. Pure white. Pkt., 10c; 2 pkts., 15c.
- 955. Snowdrift. One of the most beautiful pinks ever introduced. Pkt., 10c; 2 pkts., 15c.

956. New Japanese Pink. A new variety producing very large flowers; laced and fringed. Pkt., 5c.

DIGITALIS (Foxglove). A very handsome ornamental plant, succeeding under almost all conditions. H. P.

958. Gloxiniaeflora Mixed. All colors. Pkt., 5c.

DOLICHOS (Hyacinth Bean). A rapid climber.

960. Mixed. Very striking. Pkt., 5c.
964. New White Bush. Will succeed anywhere, very ornamental and blooms from July until frost. Pkt., 5c.

EVERLASTING FLOWERS. Beautiful flowers of a great variety of color. H. A.

965. Helichrysum. Very fine. Pkt., 5c.



- FORGET-ME-NOT** (Myosotis). Everybody's favorite. Star-like flowers. Blooming first year.
- 970. Mixed. Many colors. Pkt., 5c.
- FOUR O'CLOCK** (Marvel of Peru). H. A.
- 975. Fine Mixed. Pkt., 5c.
- FUCHSIA** (from seed). A well-known plant.
- 980. Double Mixed. Pkt., 15c; 2 pkts., 25c.
- GAILLARDIA** (Blanket Flower). Very desirable for masses, borders and for cutting. H. H. A.
- 985. Double Mixed. Round as a ball. Pkt., 5c.

GODETIA.

Constant bloomers, very attractive, and well adapted to any soil. H. A.

- 990. Finest Mixed. Sure to please. Pkt., 5c.
- 991. Sunset. Rosy crimson. Pkt., 5c.
- 992. Crimson Glow. Bright crimson. Pkt., 5c.

GOURDS.

Ornamental. Also useful as well as ornamental. T. A. See page 50 for other useful sorts.

- 995. Mixed. Many sorts. Pkt., 5c.
- 996. Chinese Bottle. Useful and ornamental. Pkt., 5c.
- 997. Genuine Pipe. Comes true to name. Pkt., 5c.

HIBISCUS. A perennial; blooms the first year if sown early.

998. New Giant-flowering. Enormous flowers, 10 to 12 inches in diameter; colors, rich dark red, soft mallow-pink and pure white. Pkt., 5c.

HELIOTROPE. From seed the first year. Produces delicate blue and white flowers the entire season; very fragrant. H. H. P.

1000. Choice Mixed. Pkt., over 500 seeds, 10c.

HOLLYHOCK. A perennial. Seed sown in June or July will produce plants that will bloom early the next summer. H. P.

1005. Double Mixed. Producing the largest flowers. Pkt., 5c.

HUMULUS (Japanese Hop). A rapid growing climber. H. A.

1010. Japonicus. Withstands heat, drought and insects. Pkt. of over 50 seeds, Pkt., 5c.

KOCHIA. (Mexican Fire Bush). One of the most beautiful hedge plants ever introduced. See illustration. H. A.

1013. A rapid grower, producing globe-shaped bushes of finely cut green leaves and stems, which in the early fall change in color to a rich carmine, hence its name. Pkt., 5c.

LARKSPUR, Tall Rocket. One of the best known of our garden flowers. H. A.

1015. Fine Mixed. Best varieties. Pkt., 5c.

LATHYRUS (Everlasting Peas). Very attractive.

1020. Litifolius Mixed. Pkt., 5c.

LOBELIA (Cardinal Flower). For edgings.

1025. Mixed. Dwarf varieties. Pkt., 5c.

MARIGOLD. Very effective for beds or borders, of easy culture. H. H. A.

1030. Mixed. Dwarf French. Pkt., 5c.

MIGNONETTE.

A great favorite; sweet and fragrant. H. A.

1035. Pure Machet. An extra fine strain. Dwarf and compact. Pkt., 5c.

1036. Yellow Prince. Large canary-yellow flowers; dwarf and compact. Pkt., 5c; 3 pkts., 15c.

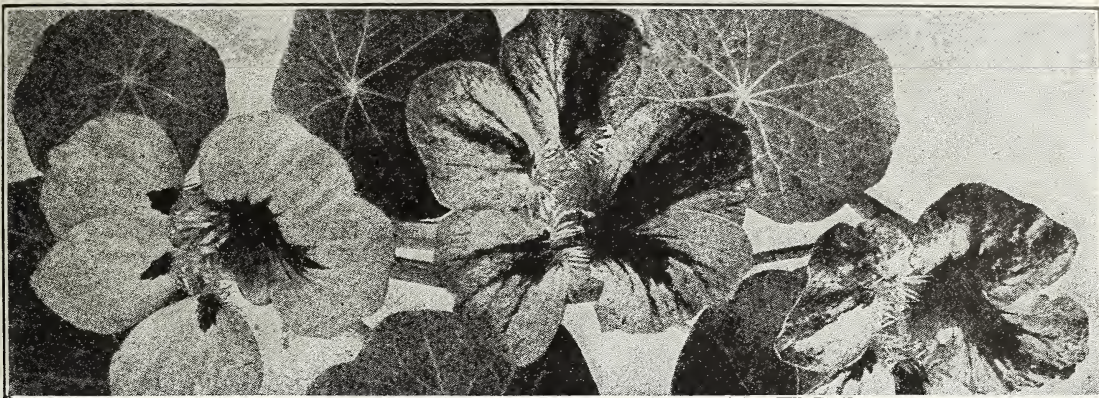
1037. White Pearl. This is a new variety; white-flowered machet. Pkt., 5c; 3 pkts., 15c.

MOONFLOWER (Ipomoea Noctiflora).

1040. White Seeded. Pkt., 5c; 3 pkts., 15c.

1041. White. Ivy leaved. Pure white. Pkt., 5c.

1042. Pink. Ivy leaved. Rosy pink. Pkt., 5c.



DWARF NASTURTIUMS.

Dwarf or Tom Thumb Varieties are unrivaled in beauty. They are well adapted to poor soil.

1050. Dwarf Mixed. All choice colors. Pkt., 5c; oz., 15c; ¼ lb., 55c; lb., \$2.00.
 1051. Empress of India. Deep crimson, dark leaved. Pkt., 5c; oz., 20c; ¼ lb., 60c.
 1052. Ladybird. Golden yellow, barred with crimson. Pkt., 5c; oz., 20c; ¼ lb., 65c.
 1053. Chameleon. Dwarf French, variegated colors. Pkt., 5c; oz., 20c; ¼ lb., 85c.
 1054. Dwarf Fireball. A new distinct variety, with deep orange-scarlet flowers. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 70c.
 1054½. Dwarf Beauty. Compact plants; bright scarlet flowers; well above the foliage. Pkt., 10c; 2 pkts., 15c; oz., 25c.
 1055. Queen of Tom Thumbs. Plants dwarf and compact; silver variegated foliage; bright crimson flowers. Pkt., (⅛ oz.), 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 80c.
 1056. Dwarf Silver Queen. A new variety sure to please and one that will be a great favorite when better known. The plants are dwarf and compact. The foliage is silver variegated (illustrated opposite) and gives a very pleasing effect; cream colored flowers, lightly flaked or splashed with scarlet. Pkt., 10c; 2 pkts., 15c; oz., 30c.



TALL NASTURTIUMS.

The tall varieties are suitable for trellis, porch or veranda decorations, or can be grown without support. No flower is more attractive or brighter than these.

1060. Tall Mixed. The finest assortment. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.75.
 1061. Scarlet Beauty. Variegated-leaved. Pkt., 10c; 2 pkts., 15c; oz., 25c.
 1062. Crimson Beauty. Variegated-leaved. Pkt., 5c; oz., 20c; ¼ lb., 65c.
 1063. Ivy Leaved. A new, distinct variety; ivy-shaped leaves. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 70c.

CLIMBING NASTURTIUMS.

Flowers are borne in great profusion.

1065. Lobbs' Mixed. Pkt. 5c; oz. 15c; ¼ lb., 50c; lb., \$1.85.
 1066. Madam Gunther's Hybrids. A new sort, very choice. Pkt., 5c; oz., 15c; ¼ lb., 55c; lb., \$1.95.
 One-quarter pound of any Nasturtium at three times the cost of one ounce when not otherwise mentioned, 1 lb., 3½ times cost of ¼ lb. See our market gardeners' net price list (free on request), for larger quantities.

MORNING GLORIES.

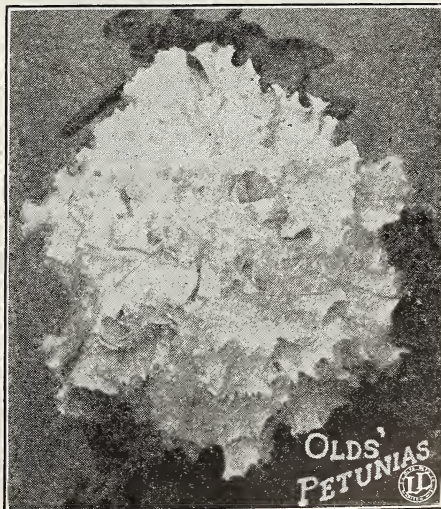
The Finest Annual Climbers in Existence. We take delight in our Morning Glories.

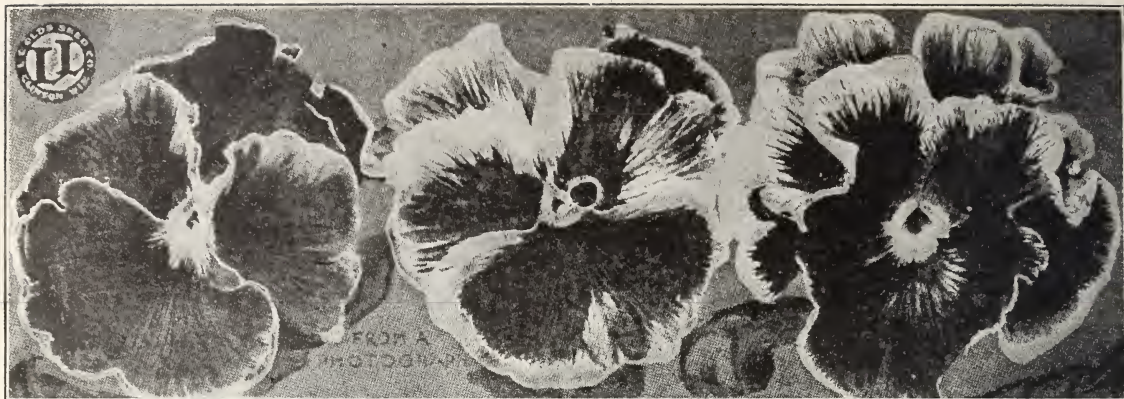
1045. Imperial Japanese. Wonders of nature. Pkt., 5c; oz., 35c; ¼ lb., \$1.25.
 1046. Dwarf Mixed. Pkt., 5c; oz., 30c.
 NICOTIANA. Bushy plants laden with bright red flowers; of easy culture.
 1070. Sanderac. Hardy Annual. Pkt., 5c.
 PANSIES. Giant Prize and other varieties, with illustrations—page 80.

PETUNIAS.

The Petunia is the people's flower. Very showy in beds and masses; a universal favorite on account of its richness of color, fragrance and continuous blooming. H. H. A.

1100. OLDS' FINEST MIXED. Everybody loves petunias—they are such free bloomers, but many are often disappointed because the flowers are so small. Olds' Finest Mixed produces the largest flowers—see illustration opposite. Pkt., 25c.
 1101. Fine Mixed. Large flowers of the finest colors mixed. Pkt., 20c; 2 pkts., 35c.
 1102. Choice Mixed. A free bloomer, producing in great abundance, bright flowers. Pkt., 5c.
 1105. Snowball. Pure satiny white flowers, suitable for edgings. Pkt., 15c; 2 pkts., 25c.
 1106. Giant Excelsior. A new large-flowering variety. The Excelsior is a strong, vigorous grower, producing large flowers in a grand variety of colors. Pkt., 25c; 2 pkts., 45c.
 1109. Double Mixed. Very handsome large flowers. Pkt. (30 seeds), 20c; 2 pkts., 35c.





OLDS' GIANT PRIZE PANSIES.

Finest Selection of Pansies that can be found anywhere. Choice pansy seed is our greatest specialty in Flower Seeds—nothing is more important in our select list, and we have spared no trouble or expense to have the very best. Our packets contain about 150 seeds each.

1075. OLDS' GIANT PRIZE MIXED. This seed produces the largest, richest and best formed flowers of any we have ever offered, and we believe, from our own trials, there is no better pansy mixture to be had anywhere or at any price—see illustration above, a photograph reduced in size. Pkt., 25c; 3 pkts., 60c; 6 pkts., \$1.00.

1076. INTERNATIONAL MIXED. A very fine mixture of pansy seed, gathered from all nations; saved from named exhibition flowers. The usual price of this mixture is 25 cents per packet. Pkt., 20c; 3 pkts., 50c; 7 pkts., \$1.00.

1077. OLD'S LARGE FLOWERING. A superb mixture, producing large flowers, of a great variety of charming colors—the best German varieties mixed. Pkt., 15c; 2 pkts., 25c; 5 pkts., 50c.

1078. OLDS' ROYAL MIXED. A choice mixture of English large-flowering varieties; including the newest, richest and finest sorts. Pkts., 10c; 2 pkts., 15c.

Any one sending us the names of ten prospective buyers can have a packet of No. 1078 free in addition to their order—please mention it when ordering. This is in addition to any other offer.

1079. GIANT TRIMARDEAU MIXED. Large flowers; rich and varied shades. Each flower is marked with three large blotches. Pkt., 15c; 2 pkts., 25c.

1080. MASTERPIECE. A new, distinct variety; large, beautifully colored flowers. The petals are frilled and ruffled, giving the flower a unique double appearance. Pkt., 10c; 2 pkts., 15c.

1081. HERCULES GIANT. An abundant bloomer, with no small flowers; petals very large and rich in coloring and markings. Pkt., 20c; 2 pkts., 35c.

1082. MATCHLESS. A new variety; perfectly formed flowers, with a matchless variety of art color shades, which must be seen to be fully appreciated. Pkt., 25c; 2 pkts., 40c.

1083. PRINCESS. A new distinct variety. The stalks are firm, strong and upright; flowers freely. Pkt., 15c.

BEDDING PANSIES.

1085. SNOW QUEEN. Pure white, center slightly tinged with yellow. Pkt., 10c; 2 pkts., 15c.

1086. FAUST. King of the blacks. Pkt., 10c; 2 pkts., 15c.

1087. GOLDEN GEM. Golden yellow, without black center. Pkt., 10c; 2 pkts., 15c.

1088. SUNSHINE. Striped and mottled. Pkt., 10c; 2 pkts., 15c. One pkt., each and 1 pkt. Royal Mixed, amounting to 50c, for 45c.

WHITE HOUSE PANSIES.

Named sorts. Of the largest size, finest form and good substance. Any 3 pkts., 25c.

1090. PRESIDENT MCKINLEY. Very effective. Black, bordered with yellow. Pkt., 10c; 2 pkts., 15c.

1091. GIANT PURE WHITE. Large, pure white flowers, without blotches. Pkt., 10c; 2 pkts., 15c.

1092. BLACK PRINCE. Giant jet black flowers. Pkt., 10c; 2 pkts., 15c.

1093. GOLDEN QUEEN. Large, pure golden yellow, shaded with canary. Pkt., 10c; 2 pkts., 15c.

PETUNIAS. The people's flower. See page 79.

PHLOX DRUMMONDII.

1110. OLDS' FINEST MIXED. Every one is attracted by a showy flower—there are none more brilliant than our Finest Mixed Phlox. Pkt., 10c; 3 pkts., 15c.

1111. Grandiflora Mixed. Large-flowering mixed varieties, Pkt. 5c.

1112. Drummondii Fine Mixed. Pkt., 5c.

1113. New Dwarf Cicily. Large red and purple flowers, with a distinct white eye. Pkt., 10c; 2 pkts., 15c.

1114. Starred and Fringed. A distinct variety; star-like flowers. Pkt., 5c.

1115. Grandiflora Alba. Large, pure white flowers; fine for borders. Pkt., 10c; 2 pkts., 15c.

1116. New Yellow. Flowers extra large; of a rich straw yellow. Pkt., 10c; 2 pkts., 15c.

1117. Snowball. Flowers pure white; resembling snowballs. Pkt., 15c; 2 pkts., 25c.

1118. Double Mixed. Fine for cutting, lasting better than the single sorts. Pkt., 10c; 2 pkts., 15c.

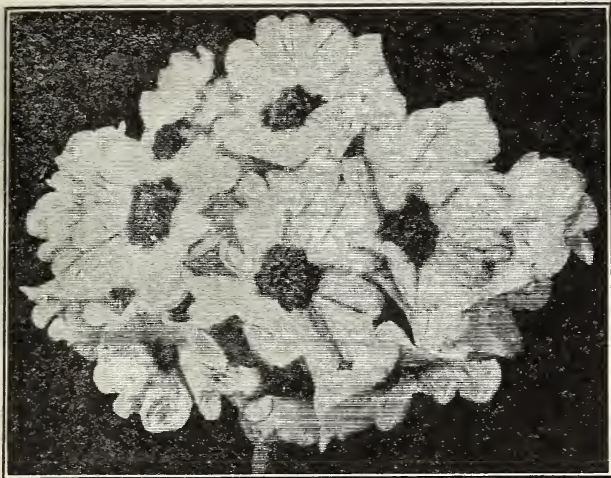
A 175 page illustrated book on "Home Floriculture," telling how to cultivate and grow flowering plants, for 25c postpaid, or free with an order for flower seed and bulbs amounting to \$2.00 or more.

WELL PLEASED CUSTOMERS HAVE MADE OUR SUCCESS.



OLDS' FINEST MIXED PHLOX





Primula-Obconica Grandiflora. Pkt., 15c.

POPPIES.

Great favorites with everybody—greatly improved varieties.

1120. Olds' Finest Mixed. Very large flowers, of good form and substance. Pkt., 5c.

1121. Improved Carnation. Double mixed. Pkt., 5c.

1122. Reselected Shirley. Compact. Pkt., 5c.

1123. White Swan. Double white; very effective. Pkt., 5c.

1124. Double Yellow. A new color. Pkt., 5c.

1125. Santa Rosa. A new poppy. Pkt., 5c.

1126. Admiral. A striking variety; large, smooth-edged flowers; white, with a broad band of brilliant scarlet. Pkt., 5c.

1127. White Oriental. A new Oriental variety—see illustration opposite. It is a pure satiny white with a bold crimson blotch at the base of each petal. Hardy Perennial. Pkt., 20c; 2 pkts., 35c; 3 pkts., 50c.

1127½. Eldorado. A novelty; entirely distinct from the old line of poppies. Large semi-double, salmon colored flowers. Beautiful in form and color. Large pkt., 15c; 2 pkts., 25c.

1128. Iceland Mixed. Beautiful and fragrant. Pkt., 10c.

1129. Black Prince. A choice new single variety. Pkt., 5c.

1129½. King Edward. Deep scarlet with a large blotch at the base of each petal. Pkt., 5c.

PORTULACA. Unrivalled for beauty. H. A.

1130. Double Flowering. A fine assortment. Pkt., 10c.

1131. Single Mixed. All colors. Pkt., 5c.

PRIMULA. Chinese Primrose.

Easily grown from seed. Sow early and transplant.

1135. Large Flowering. Mixed Pkt., 25c; 2 pkts., 40c.

1137. Giant Pink. Best pink. Pkt., 25c; 2 pkts., 40c.

1138. Giant White. Best white. Pkt., 25c; 2 pkts., 40c.

1139. Obconica. Grandiflora mixed. Illustrated above. Pkt., 15c.

RICINUS. (Castor Oil Bean). Tall-growing ornamental plants; useful as centers for beds.

1140. Mixed. 6 to 15 ft. high. Pkt., 5c.

SALPIGLOSSIS (Velvet Flower). A great favorite. H. H. A.

1145. Fine Mixed. Very ornamental. Pkt., 10c; 2 pkts., 15c.

SALVIA SPLENDENS.

Flowering Sage. A very popular, H. H. P.

1150. Scarlet Sage. Brilliant flowers. Pkt., 10c; 2 pkts., 15c.

1151. Fireball. Covered with brilliant spikes; flowers resembling balls of fire. Pkt., 10c; 2 pkts., 15c.

1152. Patens. Bright blue flowers. Pkt., 15c; 2 pkts., 25c.

1153. Bonfire. The most effective and gorgeous plant in cultivation—see illustration opposite. Pkt., 10c; 2 pkts., 15c.

1154. Ostrich Plume. A splendid new variety covered with gorgeous plumes of the brightest color. Pkt., 15c; 2 pkts., 25c.

SCABIOSA (Mourning Bride). Splendid border plants. H. A.

1155. Double Mixed. Large flowering. Pkt., 5c.

1156. Snowball. Best double white. Pkt., 5c.

1157. Golden Yellow. A desirable color. Pkt., 5c.

SCHIZANTHUS (Butterfly Flower). H. A.

1160. Mixed. Very picturesque. Pkt., 5c.

SENSITIVE PLANT (Mimosa Pudica). Curious plants. H. A.

1163. Leaves close and droop at the slightest touch; pinkish-white flowers. Pkt., 5c.

SMILAX. The finest thing out. T. A.

1165. Fine for hanging baskets. Pkt., 5c.

STOCKS.

Large Flowering, Ten Weeks. Prized for their fine display of color. H. H. A.

1170. Finest Mixed. Choice colors. Pkt., 5c.

1171. White Princess. Best white. Pkt., 10c; 2 pkts., 15c.

1172. Primrose. Best large primrose. Pkt., 10c; 2 pkts., 15c.



1120. Olds' Finest Mixed. Pkt., 5c.



White Oriental Poppy. Pkt., 20c.



Salvia Splendens. Pkt. 10c.



OLDS' PRIZE MIXED.

1200. This mixture is from the best, newest, largest-flowering sorts,—Giants of California,—and is unsurpassed. The seed has been carefully grown from selected stocks. It includes also Eckford's latest introductions. There are no better colors offered in any collection. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

EARLIEST OF ALL.

1201. This pink and white sweet pea blooms 10 days in advance of any other; highly prized by florists. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

ECKFORD'S MIXED.

1202. This strain contains a fine assortment of Eckford's varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c.

SPENCER VARIETIES.

1203. MIXED. This mixture is made up of the best, newest and largest flowering Spencer varieties. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

1203½. KING WHITE. A new variety. (illustrated opposite). A great improvement in form, size, vigor and purity. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 60c; lb., \$2.25.

1205. WHITE. Large pure white flowers, of the Countess Spencer type; the flowers are of good substance and keep well after being cut. Pkt., 5c; oz., 15c; ¼ lb., 55c; lb., \$1.95.

1212. PRIMROSE. Large primrose-colored flowers, a fitting companion to White Spencer; flowers well placed on long thick stems. Pkt., 5c; oz., 15c; ¼ lb., 55c; lb., \$1.95.

1217½. MRS. RUTZAHN. Cream with a decided rose edge. Pkt., 5c; oz., 15c; ¼ lb., 55c; lb., \$2.00.

1218½. AURORA. Orange rose striped on white ground. Pkt., 5c; oz., 15c; ¼ lb., 50c; lb., \$1.85.

1219½. QUEEN VICTORIA. A very fine soft yellow. Pkt., 5c; oz., 15c; ¼ lb., 55c; lb., \$2.00.

1225½. APPLE BLOSSOM. Crimson pink and white shaded. Pkt., 5c; oz., 15c; ¼ lb., 55c; lb., \$2.00.

1234½. COUNTESS SPENCER. Bright, clear pink; large blossoms. Pkt., 10c; 2 pkts., 15c; oz., 20c; ¼ lb., 70c; lb., \$2.50.

1237½. FIERY CROSS. Fiery Cross has all the appearance of live fire. The color is a bright fire red, without any shading. It glitters in the bright sunshine, and does not scorch or burn. Pkt., 10c; 2 pkts., 15c; oz., 30c; ¼ lb., \$1.25.

1238½. KING EDWARD VII. The best dark rich red. Pkt., 10c; 2 pkts., 15c; oz., 25c; ¼ lb., 80c; lb., \$3.00.

COLORS MIXED. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c.

1264. BEST PURE WHITES. Blanche Burpee, etc.

1265. LIGHT SHADES. Dainty, Modesty, etc.

1266. LAVENDER AND LIGHT BLUE. Lottie Eckford, etc.

1267. SHADES OF PINK. Apple Blossom, Janet Scott, etc.

1268. SHADES OF RED. Her Majesty, Mars, Salopian, etc.

1269. BLUE AND PURPLE. Captain of the Blues, etc.

1270. DARK SHADES. Black Knight, Shahzada, etc.

LATER INTRODUCTIONS.

Pkt., 5c; oz., 10c; ¼ lb., 25c.

PURE WHITE.

1206. Blanche Burpee.

1207. Emily Henderson.

1209. Dorothy Eckford.

1210. White Wonder.

1211. Nora Unwin.

LIGHT SHADES.

1213. Dainty.

1214. Modesty.

1214½. Lady Mary Currie.

1215. Evelyn Byatt.

1215½. Mrs. Eckford.

1216. Golden Rose.

1216½. Aurora.

1217. Mrs. Jos. Chamberlain.

1218. Senator.

1219. Stella Morse.

1220. Countess of Radnor.

LAVENDER AND LIGHT BLUE.

1220½. Lottie Eckford.

1221. Helen Pierce.

1222. Dorothy Tennant.

1223. Frank Dolby.

1224. Lady Grisel Hamilton.

1224½. New Countess.

SHADES OF PINK.

1225. Apple Blossom.

1226. Janet Scott.

1227. Blanche Ferry.

1228. Gladys Unwin.

1229. Mrs. Alfred Watkins.

1230. Katherine Tracy.

1231. Blanche Ferry Ex. Early.

1232. Lovely.

1233. Prima Donna.

1234. Firefly.

SHADES OF RED.

1235. Her Majesty.

1236. E. J. Castle.

1237. Mars.

1238. Salopian.

1239. King Edward VII.

1239½. America.

BLUE AND PURPLE.

1240. Captain of the Blues.

1241. Navy Blue.

1242. Countess of Cadogan.

DARK SHADES.

1245. Black Knight.

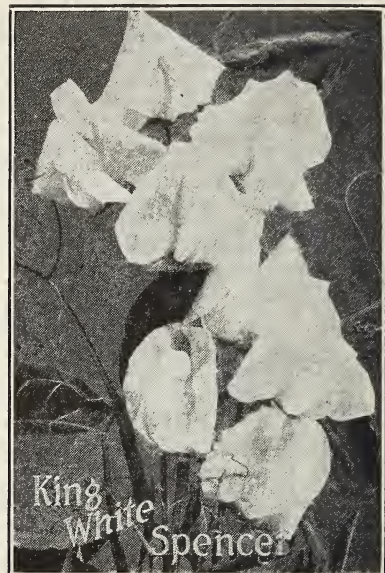
1246. Shahzada.

1247. Black Michael.

1248. Othello.

WINTER FLOWERING.

1204. Extreme Early Varieties.

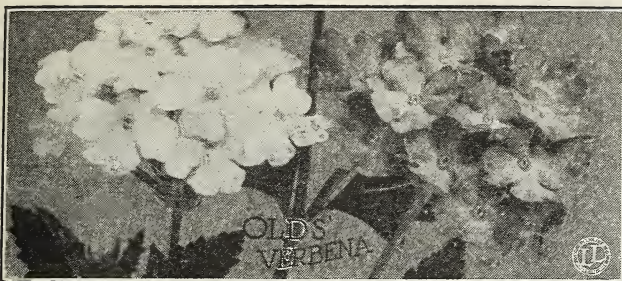


OLD-FASHIONED GARDEN MIXTURE.

For the sake of the old folks, who love the old-fashioned flowers, and for the value of the flowers themselves, you should never have a garden without some of the following: Bachelor's Button, Balsam, Candytuft, Hollyhock, Larkspur, Mignonette and others. Pkt., (½ oz.), 10c; 2 pkts., 15c.

☛ We know this Flower Seed Mixture including those named and many others will satisfy. But if Premium offer mentioned on pages 75 and 76, is not taken, we will, providing the order amounts to 50 cents or more, give free, on request, a full sized packet of Old Fashioned Garden Mixture.

"OLDS' CATALOG TELLS THE TRUTH."



STOKESIA (Corn Flower Aster).

1175. Cyanea. For borders. Pkt., 10c; 2 pkts., 15c.

SUNFLOWER. Desirable for any location.

1180. Chrysanthemum Flowered. Bright golden yellow, double flowers. Pkt., 5c; oz., 20c.

1181. Double Globe. Double flowers. Pkt., 5c; oz., 20c.

1182. Miniature. Bright and showy. Pkt., 5c.

1183. Double Star Shaped. Pkt., 5c.

1184. New Red. A novelty of merit. The flowers vary in size from 4 to 7 inches across, with a variation of colors. Pkt., 5c.

SWEET WILLIAM. Fine for borders. H. P.

1300. Single Mixed. Perfect flowers. Pkt., 5c.

1301. Scarlet Beauty. Deep scarlet. Pkt., 10c.

VERBENAS. Free-flowering, hardy annuals of low, spreading growth; great favorites—illustrated above.

1305. Olds' Finest Mixed. Largest flowers and the choicest colors. Pkt., 5c.

1306. Mammoth Mixed. Large-flowering. Pkt., 5c.

1307. Fine Mixed. All fine shades. Pkt., 5c.

1310. Mammoth White. Very choice. Pkt., 5c.

1311. Defiance. Bright scarlet. Pkt., 5c.

1312. Italian Striped. Very showy. Pkt., 5c.

WALLFLOWER. Fine for cutting. H. H. P.

1315. Single Mixed. Pkt., 5c.

1316. Golden Glory. Rich Gold. Pkt., 10c.

WILD CUCUMBER. 1320. Pkt., 5c.

MIXED ANNUALS.

Many of our best flowers are annuals, easily raised from seed. If the seed is sown early in spring the plants rapidly attain perfection and bloom the same season. Those who wish a display of bright flowers, easily grown from seed the first season, should order some of our Mixed Annuals. Pkt., (1/4 oz.), 10c; oz., 35c.

5 If you order less than \$1.00 worth of flower seed (in packets), from this catalog, we will give free, on request, a liberal-sized packet of (1350) Olds' Choice Mixed for each 25 cents worth ordered.



ZINNIAS. Large free-flowering plants; always popular, fine for borders. H. H. A.

1325. Superb Double Mixed. Pkt., 10c; 2 pkts., 15c.

1326. Dwarf Snowball. Pure white. Pkt., 10c.

1327. Dwarf Fireball. Bright scarlet. Pkt., 10c.

1328. Curled and Crested. Pkt., 10c; 2 pkts., 15c.

1329. Fire King. Deep scarlet flowers 3 to 4 inches in diameter. Pkt., 10c; 2 pkts., 15c.

OLDS' CHOICE MIXED. 1350. A Whole Garden for 5 cents. This mixture is especially adapted for borders, along walks and for hiding unsightly places. Pkt., (1/4 oz.), 5c; oz., 15c.

MIXED PERENNIALS.

Why not have a bed of hardy perennials? It requires but little care when once established, and it will afford a succession of flowers from the earliest springtime throughout the whole season. Those who want such a bed should order one of our large-size (1/2 oz.) packets of Mixed Perennials. Pkt., 15c; oz., \$1.00.

SUMMER FLOWERING BULBS

Planted in spring will bloom all summer. There is no reason why every one should not plant a few Gladiolus and Dahlia Bulbs. They are as easily raised as potatoes, and when once given a trial will not be dispensed with.



The Gladiolus ranks first among all summer flowering bulbs. The tall stately red, yellow and white flower spikes are very magnificent. They are easily grown and inexpensive.

SELECT MIXTURE. Mostly light. First size, 6 for 20c; 12 for 35c. Not postpaid: 12 for 30c; 100, \$2.00.

STANDARD MIXTURE. First size, 6 for 15c; 12 for 25c. Not postpaid: 12 for 20c; 100, \$1.45; second size 12 for 15c; 100 for 1.25.

AMERICA. One of the finest for cutting or bedding; color a beautiful soft flesh pink; perfect in growth and habit. First size bulbs, 5c each; 6 for 25c; 12 for 45c. Not postpaid: Doz., 35c.

AUGUSTA. A lovely pure white variety. Strong, straight spikes often having two and three branches. First size bulbs, 5c each; doz., 45c. Not postpaid: Doz., 35c; 100, \$2.50.

MAY. A good forcing variety. Spikes, with pure white flowers, flaked with bright crimson. Price same as for America.

CARDINAL. Large handsome spikes, with clear intense scarlet flowers; very showy. First size bulbs, 15c each; 6 for 75c; doz. \$1.35. Not postpaid: Doz., \$1.25; 100, \$9.50.

BRILLIANT. Scarlet and carmine with white throat; extra large flowers. First size, 8c each; 6 for 40c; doz., 75c. Not postpaid: Doz., 65c; 100, \$5.00.

SCHWABEN. One of the best and clearest yellows yet introduced; fine large spikes. First size bulbs, 10c each; 6 for 50c; doz., 95c. Not postpaid: Doz., 85c; 100, \$6.50.

BARON HULOT. The best blue gladiolus. When cut in combination with Schwaben, above, it makes a very fine effect. First size bulbs, 5c each; 6 for 25c; doz., 45c. Not postpaid: Doz., 35c.

VELVET KING. Dark red. **SUNLIGHT.** Light crimson with canary yellow throat; **CANARY BIRD.** Clear canary yellow, and one of the finest in existence. First size bulbs, 6c each; 6 for 30c; doz., 55c. Not postpaid: Doz., 50c.

SPECIAL OFFER. One each of the above ten varieties for 70c; your choice, any 3 for 25c; any 6 for 45c. The selection must consist of two or more varieties.

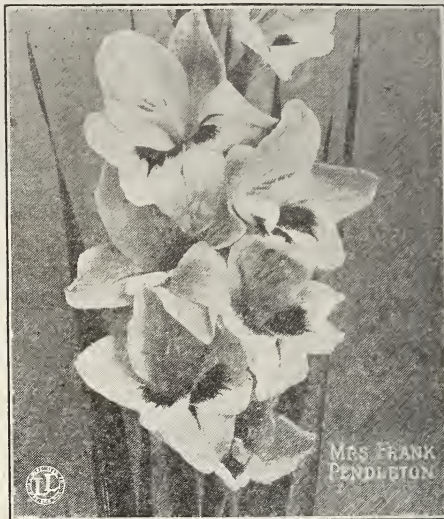
OLDS' GLADIOLI—CONTINUED

PEACE. A grand new distinct white variety of more than special merit. The plant is very attractive; flowers are of good form and correctly placed on the stalk. Peace is not an early bloomer but is one of the best whites ever introduced. First size bulbs, 8c each; 6 for 40c; doz., 75c. Not postpaid: Doz., 65c; 100, \$5.00.



PINK PERFECT. A new variety which has attracted attention at exhibitions both in this country and Europe. The color is a delicate apple-blossom pink; flowers large, of good form and very attractive. First size bulbs, 8c each; 6 for 40c. Not postpaid: Doz., 65c.

MRS. FRANK PENDLETON. A new distinct variety. The color is a tinted white, with a deep red blotch on the lower petals. The flowers are large and very attractive. First size bulbs, 8c each; 6 for 40c. Not postpaid: Doz., 65c; 50, \$2.50.



PRINCEPS. A very fine crimson-scarlet; flowers almost round, borne on spikes 4 ft. in height; 12 to 15 flowers to a spike. First size bulbs, 8c each; 6 for 40c; doz., 75c. Not postpaid: Doz., 65c; 50, \$2.50.

KUNDERDI GLORY. A new Gladiolus with ruffled petals. The large wide open flowers all face in the same direction. Price, 10c each; 6 for 50c; doz., 95c. Not postpaid: Doz., 85c; 100, \$6.50.



MRS. FRANCIS KING. The new giant pink; striking in appearance both in daylight and artificial light. First size bulbs, 5c each; 1/2 doz., 25c; doz., 45c. Not postpaid: Doz., 35c.

CHICAGO WHITE. One of the earliest varieties to bloom; 5 to 7 flowers open at one time—almost pure white. Price: 6c each; 6 for 30c; doz., 55c. Not postpaid: Doz., 45c.

SULPHUR KING. One of the most desirable. It grows a very long spike of the clearest sulphur-yellow flowers. First size bulbs, 20c each; 1/2 doz., \$1.00; doz., \$1.95. Not postpaid: Doz., \$1.90.

NIAGARA. A new cream colored variety, resembling America, but the flowers are larger, measuring 4 1/2 inches across—see illustration. The flower spike is very erect and stout; dark green foliage. Price: 8c each; 6 for 40c; doz., 75c. Not postpaid: Doz., 65c.

PANAMA. A beautiful deep pink, with large, well-expanded flowers and a tall spike. Panama is a deep pink companion to America, now the most popular pink variety. Panama is a grand acquisition to any collection of Gladioli. We offer Panama this year at very reasonable rates. Price: 6c each; 6 for 30c; doz., 55c. Not postpaid: Doz., 50c; 100, \$3.85.

EMPRESS OF INDIA. A new brownish red, one of the darkest reds grown; flowers large, in fine spikes; very rich and showy. First size bulbs, 8c each; 6 for 40c; doz., 75c. Not postpaid: Doz., 65c.



DAHLIAS IN THE FIELD



Nothing more showy than our large Double Dahlias. No garden is complete without them. They are very easily grown from bulbs, sure to succeed, and make a beautiful show. We have a choice mixture and a few new named varieties, the best recent introductions of select Decorative and Show Dahlias.

DOUBLE MIXED. Made up of a mixture of a number of choice named varieties. The colors range from deep maroon, crimson and scarlet through all shades of pink and yellow to pure white. Divisions (1 to 3 roots), 10c each; 6 for 50c; 12 for 75c; Not postpaid: 8c each; 6 for 40c; 12 for 60c.

RED HUSSAR. A pure cardinal red, large-flowering show Dahlia; flowers regularly formed on long, slender stems. Price: Divisions (1 to 3 roots), 18c each; 6 for 90c; 12 for \$1.50. Not postpaid: 15c each; 6 for 75c; 12 for \$1.25.

CATHERINE DUER. Most beautiful glowing scarlet or geranium red, with no markings. It is a recent novelty from Newport gardens. Flowers very large, 7 inches across, opening out flat with white petals. Price: Divisions (1 to 3 roots), 18c each; 6 for 90c; 12 for \$1.50. Not postpaid: 15c each; 6 for 75c; 12 for \$1.25.

QUEEN OF YELLOWS. A pure yellow, large-flowering Show Dahlia. Early flowering and a strong, vigorous grower. Price, same as for Catherine Duer.

SYLVIA. A new decorative dahlia attracting much attention. Flowers 5 inches across, of fine form and full to the center, which is white, shading to soft pink at the rim. An early profuse bloomer, and a strong, healthy grower. Price, same as for Red Hussar.

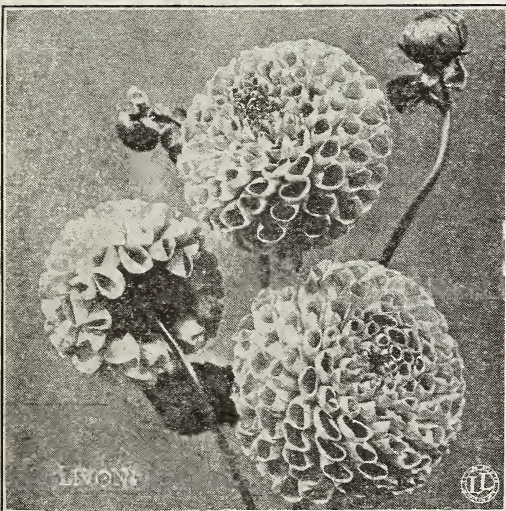
MRS. ROOSEVELT. One of the largest and most popular of the new dahlias. Immense flowers, six to eight inches, of a light, delicate pink color. Perfectly double and very compact. Price: 33c each; 6 for \$1.65; 12, \$3.00.

CUBAN GIANT. An immense ball of bright maroon; early and free flowering. Price, same as for Catherine Duer.

MRS. WINTERS. Pure waxy white. Flowers very large, 5 to 7 inches in diameter, with large broad petals. A strong grower and splendid decorative variety. Price, same as for Catherine Duer.

GOLIATH. Deep garnet red with long stem; **ROBERT BROOMFIELD.** Pure white, extra fine; **WM. AGNEW.** Rich dazzling red. Prices, same as for Catherine Duer.

SPECIAL OFFER. A division (1 to 3 roots) each of the above ten varieties for \$1.75; your choice, any 3 for 50c; 6 for 95c. The selection must consist of two or more varieties.



NEW DAHLIAS.

A. D. LIVONI. A splendid clear soft pink, beautifully quilled; of perfect form and very free flowering. See illustration. Divisions (1 to 3 roots), 18c each; 6 for 90c; 12 for \$1.50. Not postpaid: 15c each; 6 for 75c; 12 for \$1.25.

WOODROW WILSON. Bright red; free flowering and most desirable for cut flowers. Price: Divisions (1 to 3 roots), 25c each; 6 for \$1.25; 12 for \$2.25. Not postpaid: 20c each; 6 for \$1.00; 12 for \$1.80.

GIANT PURE WHITE (Dreer's). Claimed to be the best pure white Dahlia ever introduced. It is much admired and where shown has in most cases been awarded the first prize as the finest white show variety. Price: Divisions (1 to 3 roots), 28c each; 6 for \$1.40; 12 for \$2.50. Not postpaid: 25c each; 6 for \$1.25; 12 for \$2.25.

PRINCESS VICTORIA. The finest pure yellow dahlia in existence. Clear, pure canary yellow. Perfect form on long, slender stems. It is very early and a profuse bloomer. Price: Divisions (1 to 3 roots), 15c each; 6 for 75c; 12 for \$1.25. Not postpaid: 12c each; 6 for 60c; 12 for \$1.00.

BELOIT. A beautiful variety, very effective on account of its large flowers, borne on stems 18 to 20 inches long and held well above the foliage; these are full double of splendid form and a rich purplish garnet in color. Divisions (1 to 3 roots), 25c each; 6 for \$1.25; 12 for \$2.25. Not postpaid: 20c each; 6 for \$1.00; 12 for \$1.80.

MELODY. A New Show Dahlia. The color is a clear bright canary yellow. The flowers are large, of good substance and last a long time after being cut, stems, long, erect. Price: Divisions (1 to 3 roots), 18c each; 6 for 90c; 12 for \$1.50. Not postpaid: 15c each; 6 for 75c; 12 for \$1.25.

NEW DAHLIAS—CONTINUED



W. W. RAWSON. A very handsome show variety; quilled inner petals, broadening out in quite distinctive form—see illustration above. The color is white tinged with lavender. The blooms are large with long stiff stems. Divisions (1 to 3 roots) 28c each; 6 for \$1.40; 12 for \$2.50. Not postpaid: 25c each; 6 for \$1.25; 12 for \$2.25.

LE GRAND MANITOU. The first variegated decorative Dahlia ever introduced; flowers from 5 to 6 inches across, borne on long stiff stems. Divisions (1 to 3 roots), 18c each; 6 for 90c; 12 for \$1.50. Not postpaid: 15c each; 6 for 75c; 12 for \$1.25.

FLAMINGO. A new variety, ranking as a cut flower in the same class with Delice. The flowers are large, rich, glowing, red in color and are held erect on long stiff stems. Divisions (1 to 3 roots), 18c each; 6 for 90c; 12 for \$1.50. Not postpaid: 15c each; 6 for 75c; 12 for \$1.25.

FIREBIRD. Green foliage, flowers in immense trusses, on tall stems well above the leaves. They are of splendid form, round, and as near perfect as any flowers we have ever seen. The petals measure $2\frac{1}{2}$ inches across, and the color is a clear glistening scarlet without any streaks, spots or blotches. Single tubers, 12c each; 6 for 60c; 12 for \$1.15. Not postpaid: 10c each; 6 for 55c; 12 for \$1.00.

CHAS. HENDERSON. Bright crimson flowers. Single tubers, 6c each; 6 for 30c; 12 for 55c; Not postpaid: 5c each; 6 for 25c; 12 for 45c.

HUNGARIA. An ideal pink, one of the best of the newer introductions. Single tubers, 6c each; 6 for 30c; 12 for 55c. Not postpaid: 5c each; 6 for 25c; 12 for 45c.

KING HUMBERT. The first large yellow canna. A pure, rich golden yellow, softly spotted red; very large spikes with flowers 5 to 7 inches across. Single tubers, 10c each; 6 for 50c; 12 for 90c. Not postpaid: 8c each; 6 for 40c; 12 for 75c.

TUBEROSE.

The Sweetest Scented Flower that Grows. The Tuberose is one of the most charming of our summer flowering bulbs; blooming all summer if started in March.

EXCELSIOR DWARF PEARL. The largest-flowering variety. First size: 5c each; 6 for 25c; 12 for 45c. Not postpaid: 6 for 20c; 12 for 35c; 100 for \$2.60. Second size, 12 for 20c; 100 for \$1.45.

CINNAMON VINE.

The prettiest thing out. For full description see page 28 of plant catalog. Good strong roots; 6 for 20c; doz., 35c. Not postpaid: 12 for 25c; 100, \$1.85.

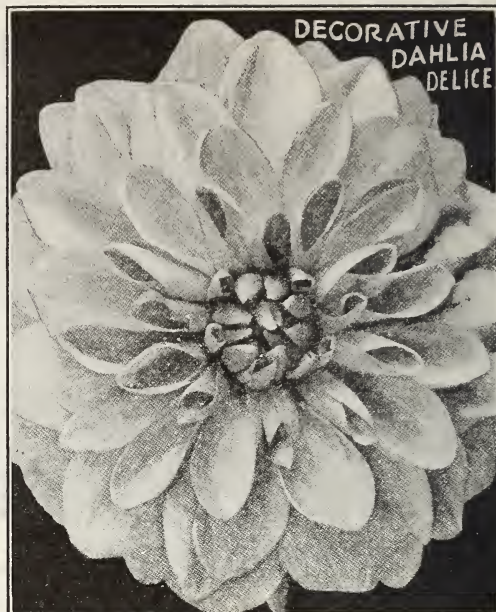
EMERALD VINE.

An ornamental, useful and attractive climbing vine belonging to the same family as the cinnamon vine. The vines are of slender growth, but are very graceful and make a dense foliage. The foliage is a deep emerald green with a decided lustre. Price, good strong roots, 5c each; 6 for 25c; 12 for 45c. Not postpaid: 12 for 30c.

ROSES AND FLOWERING PLANTS.

Owing to the increasing demand for Olds' Seeds, we have found it necessary to devote our attention more to the production and sale of seeds; we have therefore, discontinued the handling of Roses and other Flowering Plants.

"OLDS' CATALOG TELLS THE TRUTH."



DELICE. A beautiful soft rose pink, of recent introduction; when cut it retains its freshness longer than any variety we know of, which makes it one of the most valuable for cutting. Divisions, 18c each; 6 for 90c; 12 for \$1.50. Not postpaid: 15c each; 6 for 75c; 12 for \$1.25.

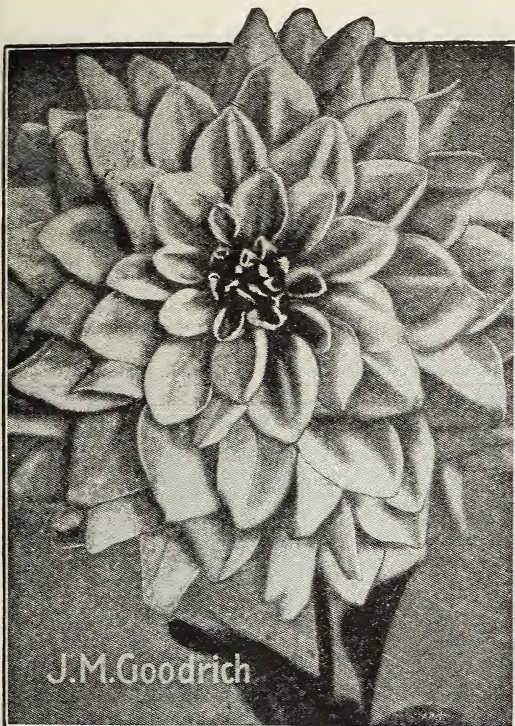
MANZANOLA. Brilliant oriental-red with deep shading, a fine shaped flower with good stems, very free and ideal for cutting. Divisions (1 to 3 roots), 20c each; 6 for \$1.00; 12 for \$1.75. Not postpaid: 18c each; 6 for 90c; 12 for \$1.50.

PERLE DE LYON. The most valuable white decorative Dahlia yet introduced; certain to become a great favorite; flowers perfect in form, pure white in color and borne on long. Divisions (1 to 3 roots), 25c each; 6 for \$1.25; 12 for \$2.25. Not postpaid: 20c each; 6 for \$1.00; 12 for \$1.80.

SPECIAL BULB COLLECTION.

SUMMER FLOWERING BULBS. These bulbs will grow and bloom freely this season. They are fine varieties, in assorted colors. We offer the entire lot, 22 in all, worth \$1.00, by parcel post, for 85c.

3 Double Dahlias, (divisions) assorted	30c
6 Gladioli, standard mixed	15c
3 Tuberose, Dwarf Pearl	15c
4 Cinnamon Vines	16c
4 Cannas, 2 Red, 2 Pink	24c
2 Collections for \$1.50. Not postpaid: 2 for \$2.50.	



J. M. GOODRICH. A new decorative variety of immense size—see illustration. It has size and beauty, very long stems and is free flowering. The coloring is a beautiful salmon-pink, with each petal tipped with primrose-yellow. An ideal Dahlia—be sure and try it. Price: Divisions (1 to 2 roots), 33c each; 6 for \$1.65; 12 for \$3.00; not prepaid: 30c each; 6 for \$1.50; 12 for \$2.75.

STORM KING. The most reliable show white dahlia to date. Pure white flowers on good stems, well above



the foliage. Divisions (1 to 2 roots), 18c each; 6 for 90c; 12 for \$1.50; not postpaid: 15c each; 6 for 75c; 12 for \$1.25.

MINA BURGLE. A new introduction and one of the finest varieties to date. It produces immense flowers, borne on long stems well above the foliage—see illustration. The flowers are of perfect decorative type: bright scarlet in color and sure to attract attention. Price: Divisions (1 to 2 roots), 25c each; 6 for \$1.25; 12 for \$2.25; not postpaid: 20c each; 6 for \$1.00; 12 for \$1.80.

VEGETABLE PLANTS AND ROOTS.

We have added vegetable plants to our list and can supply the following varieties in their proper season:

ASPARAGUS ROOTS. Strong, well developed. Two-year-old roots. See page 31.

CABBAGE PLANTS. For April and May delivery. Select Early Jersey Wakefield, Allhead Early, Early Spring. Doz., 15c; 2 doz., 25c; 50, 45c. Not postpaid: 2 doz., 20c; 50, 40; 100, 75c.

CAULIFLOWER PLANTS. Transplanted from hotbed; ready in April and May. Improved Early Snowball, Dry Weather. ½ doz., 20c; doz., 35c; 2 doz., 65c. Not postpaid. Doz., 30c; 2 doz., 50c; 50, 85c.

CELERY PLANTS. Selected transplanted stock grown from our own seed; ready in July. White Plume; the earliest variety; Golden Self-Blanching, the best for all purposes; Winter Queen, the best variety for winter use. Doz., 15c; 2 doz., 25c; 50, 45c. Not postpaid: 2 doz., 25c; 50, 40c; 100, 70c.

EGG PLANTS. Grown in pots; ready in May and June. Black Beauty, the best early variety; New York Improved, large, smooth and spineless. ½ doz., 50c; doz., 85c; 2 doz., \$1.50. Not postpaid: Doz., 70c; 2 doz., \$1.25.

HORSE RADISH. Good clean sets. Doz., 12c; 2 doz., 20c; 100 for 75c. Not postpaid: 100 for 60c.

PEPPER PLANTS. Transplanted from hotbed; ready in May and June. Bell, or Bull Nose, the best known; Ruby King, the most popular red; Long Red Cayenne, hot and pungent. ½ doz., 18c; doz., 30c; 2 doz., 50c. Not postpaid: Doz., 20c; 2 doz., 35c; 50, 50c.

RHUBARB ROOTS. Good strong roots. 15c each; 3 for 35c; ½ doz., 60c; doz., \$1.00. Not postpaid: ½ doz., 50c; doz., 85c; 2 doz., \$1.50.

TOMATO PLANTS. Transplanted from hotbed; ready in May and June. Spark's Earliana, very early; Success, second early; Matchless, fine tomatoes the entire season; Enormous, very large and smooth; Small Fruited Varieties mixed. ½ doz., 20c; doz., 35c; 2 doz., 60c. Not postpaid: Doz., 30c; 2 doz., 50c; 50, 85c; 100, \$1.50.

FROST PROOF CABBAGE PLANTS

There are a number of islands off the South Carolina Coast, where the soil and climatic conditions are suited for growing hardy cabbage plants for early spring planting. These plants will mature heads 10 days to three weeks sooner than is possible from northern-grown hot-bed plants—this is a decided advantage. The crop can be matured and marketed before the crop from the home-grown plants is ready. To get the advantage of these frost-proof plants, they must be planted six weeks earlier than home-grown plants. These plants can stand a temperature from 8 to 10 degrees above zero and orders can be filled any time after the middle of January. They will be sent, either by mail or express, direct from growing point.

VARIETIES. Early Jersey Wakefield, Charleston Wakefield, Succession and Early Flat Dutch. Doz., 25c; 2 doz., 35c; 100, 50c. Not postpaid: 500, \$1.25, lots of 1,000 to 4,000, \$2.00 per 1,000. The plants will probably arrive in a wilted condition. This does not hurt them, for after planting, they make a slow but steady growth.

ORDER EARLY. It will be an advantage to our customers and convenient to us, if seed orders are sent in during the months of January and February. List of a dozen or more good books, free on request.

OLDS' NORTHERN GROWN FRUIT TREES

The varieties we offer on this page and the next are carefully selected for adaptability to northern conditions and the stock is northern grown. Do not plant trees grown further south. They are not hardy enough. Orders will be filled from our Wisconsin Nursery at the proper time for planting.

We guarantee that the stock will be true to name, first class and well packed. Those starred (★) are the hardiest varieties. Large trees, such as we furnish, cannot be sent by mail but must go by express or freight, customers paying transportation. Prices are for quantities named but will furnish 5 at the 10 rate, 50 at the 100 rate.

APPLES.

Prices, all varieties, by express or freight, 4 to 6 foot trees: 45c each; 10 for \$3.25; 100, \$25.00.

SUMMER VARIETIES.

- *Red Astrachan. Large, beautiful crimson.
- *Tetofsky. Medium, yellow striped red, fine for eating. The best early summer apple.
- Golden Sweet. Large, pale yellow, tender, sweet.
- *Yellow Transparent. Earliest. White, tender.
- *Lowland Raspberry. Clear white, shaded crimson; most beautiful apple. Fruit of quality.
- *Duchess of Oldenburg. The well known. Best cooker and very productive. Yellow streaked red.
- Lubsk Queen. Most beautiful of all apples.

AUTUMN VARIETIES.

- Fall Orange. Fruit large to very large, yellow.
- *Longfield. A Russian variety and one of the best. Tree a strong grower and annual bearer.
- *Patten's Greening. Large, round, slightly flattened, yellowish green, sub-acid. Very hardy.
- *Wolf River. Largest of all, handsome; hardy.
- *McMahon. Large, round, almost white with faint blush; tree vigorous grower and very hardy.
- *Dudley, or North Star. Perfectly hardy. Fruit, size and appearance of Duchess. A coming variety.
- *Wealthy. Originated in Minnesota. Hardy, vigorous and very productive. Most valuable of all. Good for eating or cooking.
- Beautiful Arcade. Large yellow, splashed with red. Sweet.

St. Lawrence. Large, streaked red. Fine quality.

WINTER VARIETIES.

- Ben Davis. Large handsome, striped, valuable. Delicious. Good size, fine quality. Tree hardy.
- Fine eating. Most popular new variety.
- Golden Russet. Medium, dull russet, rich, juicy.
- Canada Red, or Steel's Red Winter. Popular.
- Gano. An improved Ben Davis; deep dark red.
- Fameuse. (Snow). Medium, deep crimson, flesh white, of best quality. Most popular for eating.
- *Hibernal. Russian; large showy fruit, striped red.
- Jonathan. Medium, red, extra quality.
- Pewaukee. A hardy winter apple; good grower.
- McIntosh. Medium size, dark red, good quality.
- *Northwestern Greening. Hardy, of good size.
- Northern Spy. Large, striped, mild, rich flavor.
- Salome. Long keeper, annual bearer, good quality.
- Seek-no-Further. (Westfield). Medium to large, striped; fine grain, tender, rich and excellent.
- *Talmán Sweet. Yellow, rich. Best sweet.
- Utter. Large, yellow and red; fine quality.
- Windsor. Large, slightly conical, greenish yellow.
- Winter Banana. Beautiful golden yellow.
- *Scott's Winter. Hardy and a long keeper.

CRAB APPLES.

Prices, 4 to 6 foot trees: 45c each; 10 for \$3.25; 100, \$25.00.

- Hyslop. Large, deep crimson; most beautiful.
- *Florence. Early and bears well. Fruit large.
- *Sweet Russet. Large, greenish yellow, mild.
- Transcendant. Immensely productive, bright red.
- Whitney. One of the largest, splashed carmine, firm, juicy, pleasant, great bearer. Fine to eat.

PEARS.

Prices, 4 to 6 foot trees: 50c each; 10, \$3.75; 100, \$30.00.

- Bartlett. Large, juicy, great bearer; very popular.
- Clapp's Favorite. Very large, yellow and red.
- Howell. Large, yellow, with red cheek, early bearer.
- Flemish Beauty. Large, juicy, rich; hardiest.
- Seckel. Small, skin rich yellowish brown, with brownish red cheek; sweet, exceedingly juicy.
- Anjou. Large, melting. Best late fall variety.
- Keiffer. Its large size and keeping and shipping qualities make it profitable for market.

CHERRIES.

Prices, 4 to 6 foot trees: 50c each; 10 for \$3.75; 100, \$30.00.

- *Early Richmond. An early variety of extreme hardness bearing large annual crops. Light to dark red, very juicy.
- English Morello. Large, dark red, juicy; tree dwarf.
- *Montmorency. Large, bright crimson, very juicy, strong, bright grower, best late variety.

PLUMS.

- Prices, 4 to 6 foot trees: 60c each; 10 for \$3.75; 100, \$30.00.
- German Prune. Large, dark purple, good.
- ✓ Lombard. Medium, violet red, the leading market variety.
- ✓ Moore's Arctic. Small, purplish-black, immense bearer.
- Reine Claude. (Bavey's Green Gage). Very large, greenish.
- Forest Garden. Very large, purplish-red, sweet and rich.
- Hawkeye. The tree is hardy, thrifty and an annual bearer. Fruit large, of superior quality, very firm and an excellent shipper.
- Surprise. The tree is a strong, upright grower, withstanding the most severe winters without injury. Fruit large, deep red in color.



Typical fruiting branch of Sapa Plum

PROF. HANSEN'S NEW PLUMS.

The most remarkable creations in fruits of the present day. Prices, 3 to 5 foot trees: 60c each; 10 for \$4.50; 100, \$35.00. Opata is a cross between the Sand Cherry and the Gold Plum. Bears the second year; fine quality and as hardy as a willow.

Sapa. Much like a large Ox-heart cherry, dark flesh and juice. See illustration. Fine quality. Five-foot trees at three years bear 1 to 1½ bushels, and keep it up. Every home in the country should possess from one to a dozen of these wonderful trees.

OLDS' NORTHERN GROWN SMALL FRUITS

STRAWBERRIES.

Our strawberry plants are thrifty, and grown on new land. They will be dug the day your order is shipped.

Prices, except Everbearing, by mail, postpaid: 10, 40c; 100, \$1.25; 1000, \$6.50. By express, not prepaid: 10, 35c; 100, \$1.10; 1000, \$6.00.

Senator Dunlap. Most popular and best all-around variety. The plant is perfect, a rampant runner and very productive. Berries medium to large and very numerous. If you want but one order Dunlap.

Warfield. Medium size, dark red, very firm and a good shipper. Leading market variety. Immensely productive; important plants.

Splendid. Large size, very productive, excellent quality.
Gandy. Very late; berries are regular, even size and firm. Commands a big price when others are gone.

EVERBEARING STRAWBERRIES.

Price, by mail: 10, 50c; 100, \$2.90; 1000, \$18.50. By express: 10, 45c; 100, \$2.75; 1000, \$18.00.

Superb. The best everbearing variety. Berries all summer until killed by frost; finest flavor. See illustration.

Americus. Very popular and a good one.

Progressive. Another wonderful berry that bears from June until October.

RASPBERRIES.

Prices, except Everbearing, by mail: 20c each; 10 for 85c; 100, \$4.75. By express: 15c each; 10 for 75c; 100, \$4.50.

Cumberland. Very productive; fruit enormous; quality unsurpassed. A black cap. The great firmness of the berry makes it a splendid shipper.

Kansas. Jet black, firm and delicious. The hardiest black cap known, successfully withstanding the winters.

Columbian. A vigorous grower; canes often ten to fifteen feet in length and over an inch in diameter. Never suckers from the roots. Fruit very large, dark red, bordering on purple.

Cuthbert. (Queen of the Market.) Large, conical; deep, rich crimson; excellent quality. A sucker variety.

Golden Queen. Rich golden yellow. Immensely productive; a very strong grower and hardy enough even for extreme northern latitudes.

ST. REGIS EVERBEARING RASPBERRY.

Prices, by mail, 25c each; 10 for 90c; 100, \$5.75. By express, 20c each; 10 for 80c; 100, \$5.50.

This wonderful raspberry marks a new era with this popular fruit. Every garden should have it. Bears continuously from June until killed by frost in October. (This is exactly the truth. I know because I have them in my own garden.—L. L. O.)

Large, sweet, red berries, of the very best quality. Plant perfectly hardy and a vigorous grower.

BLACKBERRIES.

Prices, by mail, 20c each; 10 for 85c; 100, \$4.75. By express, 15c each; 10 for 75c; 100, \$4.50.

Snyder. Hardest and most productive. Best for cold climates. Medium sized fruit.

Eldorado. Berries large, jet black, borne in clusters. Sweet and melting. Most valuable variety.

GOOSEBERRIES.

Prices, by mail: 30c each; 10 for \$1.85; 100, \$13.25. By express: 25c each; 10 for \$1.75; 100, \$13.00.

Downing. Most popular and best known. Large greenish white. Plant vigorous.

Houghton's Seedling. A very productive American sort. Fruit of pale red color, very sweet.

CURRENTS.

Prices, (except Perfection), by mail: 30c each; 10 for \$1.80; 100 for \$11.75. By express: 25c each; 10 for \$1.70; 100 for \$11.50.

✓ **Cherry.** Berries sometimes half an inch in diameter.

✓ **Fay's Prolific.** The leading market variety. Extra large stems and berries. Uniform in size, easily picked. Very productive.

✓ **White Grape.** Very large, yellowish white.

✓ **Black Victoria.** A strong grower, the largest black.

✓ **Perfection.** A grand currant, large berry of finest quality; two weeks later than Fay.

Prices, by mail, 35c each; 10 for \$2.10; 100 for \$16.25. By express: 30c each; 10 for \$2.00; 100 for \$16.00.



Actual Photograph of One Stem of Superb Everbearing Strawberries.

HARDY GRAPES.

Prices, strong one year vines by mail: 30c each; 10 for \$1.80; 100 for \$12.25. By express: 25c each; 10 for \$1.70; 100 for \$12.00.

✓ **Campbell's Early.** Berries large, glossy black with purple bloom, sweet and juicy. They ripen from the fifth to the last of August.

✓ **Concord.** The well known standard variety, succeeds wherever grapes will grow.

✓ **Brighton.** Excellent flavor and quality; one of the earliest in ripening.

✓ **Delaware.** Small, round, skin thin, light red; flesh very juicy, sweet, spicy and delicious.

✓ **Diamond.** The leading early white grape.

✓ **Moore's Early.** Branch large, berry large, with heavy bloom, vine exceedingly hardy. Its earliness makes it desirable for an early market. Its hardiness particularly adapts it to Canada and northern portions of the United States.

✓ **Pocklington.** Large, light golden yellow; juicy, tender, sweet, with little pulp. Vine thoroughly hardy.

✓ **Worden.** A splendid grape of the Concord type, larger, better quality and earlier. Vine vigorous; hardy and productive.

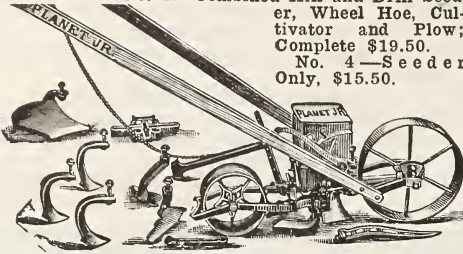
✓ **Niagara.** Occupies the same position among the white varieties as Concord among the black. The leading profitable market sort.

Planet Jr. Garden Tools

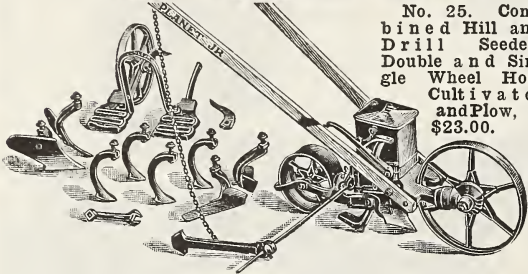
The New "Planet Jr." Catalogue is the handsomest, best and most instructive book ever issued on a similar subject. Full of little points that bring profit. Full of true and handsome illustrations. We mail it free to any address on application.

Planet Jr. tools are the greatest time, labor, and money-savers ever invented for the farm and garden. They pay for themselves in a single season in bigger, better crops, and last a lifetime. Fully guaranteed.

No. 4. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow; Complete \$19.50.
No. 4—Seeder Only, \$15.50.

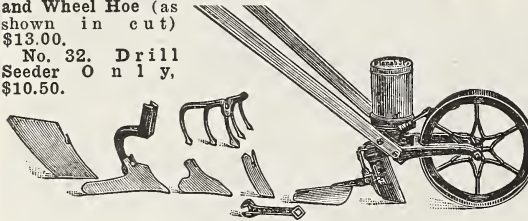


No. 25. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow, \$23.00.

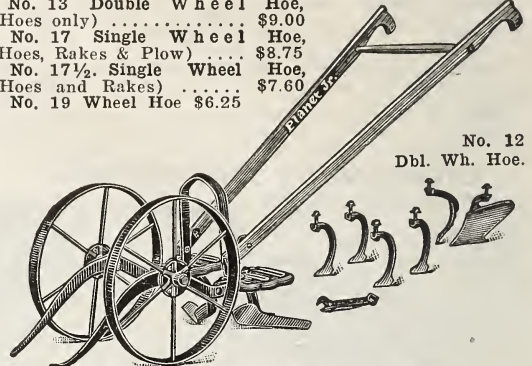


No. 31. Combined Drill Seeder and Wheel Hoe (as shown in cut) \$13.00.

No. 32. Drill Seeder Only, \$10.50.

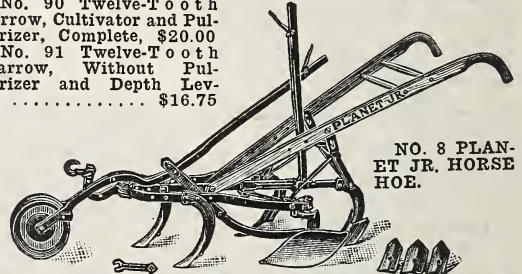


PLANET JR. WHEEL HOES.
No. 12 Double Wheel Hoe, Cultivator and Plow \$12.50
No. 13 Double Wheel Hoe, (Hoes only) \$9.00
No. 17 Single Wheel Hoe, (Hoes, Rakes & Plow) \$8.75
No. 17½ Single Wheel Hoe, (Hoes and Rakes) \$7.60
No. 19 Wheel Hoe \$6.25



No. 12 Dbl. Wh. Hoe.

PLANET JR. HORSE MACHINES.
No. 8 Combined Horse Hoe & Cultivator. Widely known as a perfect horse machine. As shown below \$20.00
No. 7 Combined Horse Hoe & Cultivator \$19.00
No. 9 Combined Horse Hoe & Cultivator \$17.25
No. 82 Combined Horse Hoe, Cultivator and Hiller \$19.00
No. 101 Plain Cultivator with Wheel \$12.60
No. 90 Twelve-Tooth Harrow, Cultivator and Pulverizer, Complete, \$20.00
No. 91 Twelve-Tooth Harrow, Without Pulverizer and Depth Lever \$16.75



NO. 8 PLANET JR. HORSE HOE.

Standard High Wheel Cultivator

No. 20 Standard Cultivator, Rake & Plow, with high 24 inch wheel, as shown in cut. A very popular tool with our customers \$6.00
Three-Shovel Attachment for No. 20 Standard. Fine for cultivating and loosening up the soil \$1.50



No. 20 Standard Cultivator, Rake, Plow and Midget Seeder Combined, (everything shown in cut) \$11.00.

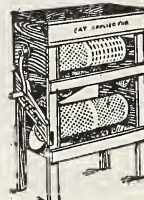
Midget Seeder. As shown in above cut. Practical for the home garden. Seeder Only \$5.00

HERO CORN GRADER.

A Corn Grader that is a real grader. You cannot grade seed corn and do a good job with a fanning mill. You should plant kernels that are all alike in size and shape if you want a perfect uniform stand. The Hero grades that way.

Leading farmers and corn growers everywhere testify to the perfect work done by this grader. It will pay for itself in one season. We use a Hero ourselves for our Wisconsin grown corn.

Price, only \$12.00

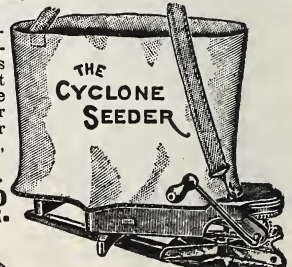


CYCLONE SEEDER.

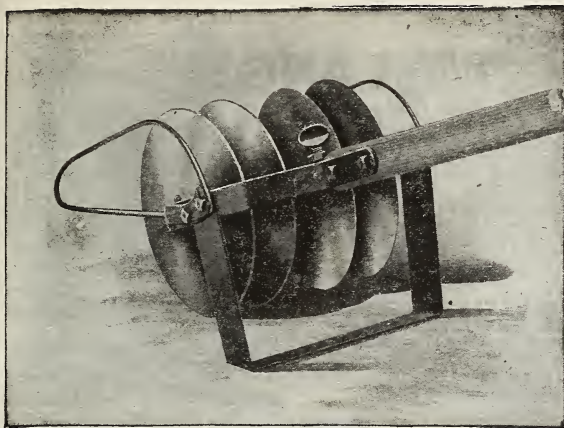
The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Just the thing for sowing all kinds of clover and grass seed, millet, rape, and even larger grains.

\$1.75. By mail, \$2.00.

MILLER SEED POTATO CUTTER.



Simple, durable and accurate. Will cut any size potato in pieces of uniform size. Cuts 8 bus. an hour.
Price, \$3.50

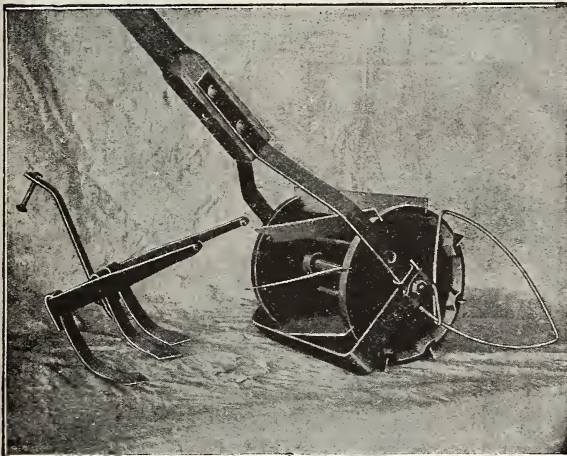


PERFECTION GARDEN CULTIVATOR.

Perfection at last. This New Disc and Knife Weeder and Mulcher is the final evolution in hand cultivators. It does the weed killing, cultivating and mulching at one process. The stiff wire leaf guards keep the tops of the plants away from the discs.

Made in three sizes, as follows:

- No. 1—6 inch, for lettuce \$3.50
- No. 2—8½ inch, the standard size.....\$3.50
- No. 3—11 inch, for rows 14 inches apart and over \$3.50



BARKER WEEDER, MULCHER AND CULTIVATOR

—3 TOOLS IN ONE—

Makes Gardening Easy and Insures Best Yields.

The one implement every gardener should have, whether raising produce as a business or for the table.

The Barker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation.

6-Inch Cut, for lettuce, \$7.00.

8½-Inch Cut, for onions and family gardens, \$8.25.

10-Inch Cut, best for most crops, \$9.35.

11-Inch Cut, for beets and rutabagas, \$10.15.

Prices include all attachments. Money back if not satisfied. Goods guaranteed five years.

Note—"Gardening for Profit and Pleasure," a beautiful illustrated book in colors, mailed free on request.

HUMPHREY'S CONCAVE POTATO KNIFE.



Cuts to one eye without injuring. Pieces never stick together.

Price, 30c; 3 for 75c, postpaid.

The articles offered on this page are not mailable unless a mail price is quoted.

INVINCIBLE POTATO PLANTER.

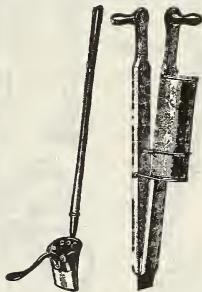
Two acres a day can be planted with one of these tools. The sharp jaw enters the ground as easily as a spade.

Price, \$1.50.

Extra Springs for Invincible, 10c each.

A C M E POTATO PLANTER.

The original hand potato planter. Price, 95c.



ACME CORN PLANTER.

Simple, durable and accurate. Price, plain, \$1.00; with Pumpkin Seed Attachment, \$1.20.

PAPER FLOWER POTS.

Made of strong waterproof paper; light, unbreakable and will not rot. They weigh just one-tenth as much as clay pots, are easier to handle and less expensive.



	By Mail.	By Exp.	or Freight
	25 100 25 100 1000		
2 ¼ -inch	\$0.20	\$.55	\$0.15 \$0.45 \$4.00
2 ½ -inch	.22	.60	.17 .50 4.60
3 -inch	.30	.90	.25 .75 6.75
3 ½ -inch	.35	1.15	.30 .95 8.50
4 -inch	.40	1.45	.35 1.25 10.75
5 -inch	.65	2.15	.50 1.85 17.00
6 -inch	.95	2.90	.65 2.45 22.50

PAINTED POT AND GARDEN LABELS.

	By Mail.	By Express
	25 100 25 100 1000	
Painted Labels 4x5½ inch	\$0.10 \$0.25	\$0.07 \$0.20 \$1.35
Painted Labels 6x8½ inch	.13 .40	.10 .30 2.25
Painted Labels 6x10½ inch	.15 .45	.12 .35 2.50
Painted Labels 8x10½ inch	.20 .50	.15 .40 3.25
Painted Labels 10x10½ inch	.23 .65	.18 .55 4.50
Painted Labels 10x12½ inch	.25 .75	.20 .65 5.25
Painted Labels 12x1½ inch	.45 1.25	.35 1.00 9.00

RED CLAY FLOWER POTS.

We pack carefully but are not responsible for breakage.

(Six at dozen rate, 50 at 100 rate).

	Each	Doz.	100	1000
2 ¼ in.	\$.02	\$.15	\$1.00	\$7.50
2 ½ in.	.02	.18	1.30	8.50
2 ¾ in.	.03	.20	1.40	10.00
3 in.	.03	.25	1.70	13.00
3 ½ in.	.03	.30	2.00	16.00
4 in.	.04	.35	2.50	20.00
4 ½ in.	.05	.40	3.00	27.00
5 in.	.06	.55	4.00	36.00
5 ½ in.	.07	.70	5.00	45.00
6 in.	.08	.85	6.00	54.00



NITRO-FERTILE



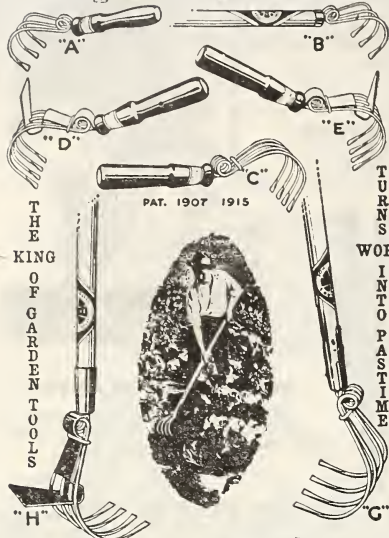
—The Liquid Fertilizer.

A b s o l u t e l y odorless, free from weed seeds or bulk waste, quick

in action, and very easy to apply. Mix one tablespoonful to a gallon of water for house or potted plants; two tablespoonfuls to a gallon for lawns, shrubs, flowers or vegetables. Can be used

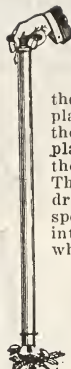
throughout the growing season, supplying food when the plants need it most. Contains 2% nitrogen, 3% Phosphoric Acid and 3% Potash. One quart fertilizes 1500 square feet. One gallon is enough for the average lawn and garden for the season. Will keep indefinitely. ½ pint, 35c; 1 pint, 60c; quart, \$1.00; gallon \$3.00.

Magic Weeders Hoos



MAGIC WEEDER HOES.

Style	By Mail	By Exp.
A. 3-Tine Hand Weeder	20c.	15c.
B. 18-Inch Handle	25c.	20c.
C. 4-Tine, Adjustable Width	30c.	25c.
D. With 1½-Inch Blade	45c.	40c.
E. With "V" Blade	45c.	40c.
F. 4-Tine, 42-Inch Handle		50c.
G. 48-Inch Handle, Strong & Heavy		75c.
H. 48-Inch Handle, 3-Inch Blade		1.00
K. 48-Inch Handle With "V" Blade		1.00



IDEAL DANDELION KILLER.

To kill dandelions or other weeds fill the tube with gasoline, place the valve plunger in the center or heart of the plant and press down on the tube a very little. This opens the valve and drops out about one teaspoonful of gasoline right into the heart of the plant which kills it roots and all.

Price, \$1.00. By mail, \$1.15

VELVETLAWN FERTILIZER SOWER.

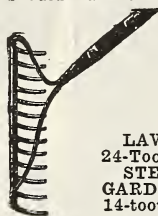
Sows evenly and accurately. Just the thing for applying lawn fertilizer or sheep manure.

Price, complete \$6.00.



NORCROSS GARDEN CULTIVATOR HOES.

MIDGET NORCROSS. Short handle. Price, 40c.
3-PRONG NORCROSS. Light. Price, 85c.
5-PRONG NORCROSS. The standard size. A wonderfully useful tool. Every man with a garden should have one. Price \$1.25.



LAWN RAKE.
24-Tooth. 60c.
STEEL BOW GARDEN RAKE.
14-tooth. \$1.00.

Note — The articles on this page are not mailable unless a mail price is quoted.



Sugar Beet 7½-in. Hoe 95c.
Spading Fork, \$1.40
Light \$1.40
Heavy \$1.45
Vegetable Scoop, \$1.85

LANG'S HAND WEEDER

HANDIEST TOOL ON EARTH.



20c

By Mail 25c



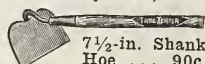
Steel 6 in. Garden Trowel, 15c each. By mail, 20c.



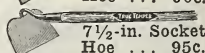
Transplanting 7-in. Trowel. 20c each. By mail, 25c.



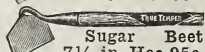
Ten - inch Garden Spading Fork, 25c. By mail, 30c.



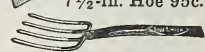
7½-in. Shank Hoe ... 90c.



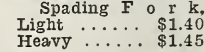
7½-in. Socket Hoe ... 95c.



Sugar Beet 7½-in. Hoe 95c.



Spading Fork, \$1.40

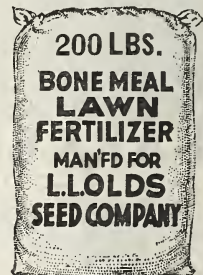
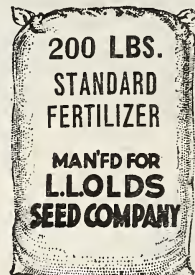
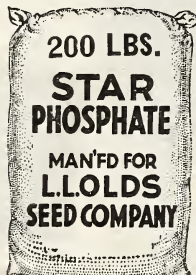
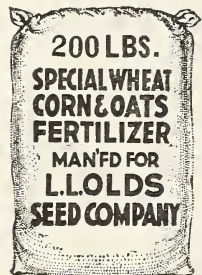


Light \$1.40



Heavy \$1.45

HIGH-GRADE COMMERCIAL FERTILIZERS, (ARMOUR'S)



SPECIAL WHEAT, CORN AND OATS. Use for Corn, Oats and Sugar Beets, where bigger yields, and better quality are desired. Sow 350 lbs. per acre. Analysis, 1-8-1. 200 lbs., \$4.50; 1000 lbs., \$21.00; 2000 lbs., \$41.00.

WISCONSIN SPECIAL. Used largely in Wisconsin for Potatoes and Sugar Beets. Use 400 to 500 pounds per acre for best results. Analysis 1-8-2. 200 lbs., \$5.00; 1000 lbs., \$24.00; 2000 lbs., \$47.50.

STAR PHOSPHATE. A standard Phosphate for soils requiring Phosphoric Acid. Use 50 pounds on top of each load of manure on the manure spreader. 200 lbs., \$3.25; 1000 lbs., \$15.50; 2000 lbs., \$30.00.

STANDARD FERTILIZER. For garden truck, potatoes, tobacco and fruits. Use 200 to 400 lbs. per acre. Analysis 1-8-3. 25 lbs., 75c; 200 lbs., \$5.75; 1000 lbs., \$27.50; 2000 lbs., \$54.00.

BONE MEAL. Lawn Fertilizer. Best thing for lawns, both old and new. Use 25 lbs. to every 1000 square feet. Also fine for shrubbery and plants. 10 lbs., 35c; 25 lbs., 75c; 100 lbs., \$2.75; 200 lbs., \$5.25; 1000 lbs., \$25.00.

POTASH AND PHOSPHATE SPECIAL. 200 lbs., \$3.75; 1000 lbs., \$18.00; 2000 lbs., \$35.00.

We have six very valuable bulletins which are free—"Corn Production," "Potato Production," "Fertilizer for Potatoes," "Alfalfa," "Crop Feeding Pays" and "Farmer's Almanac."

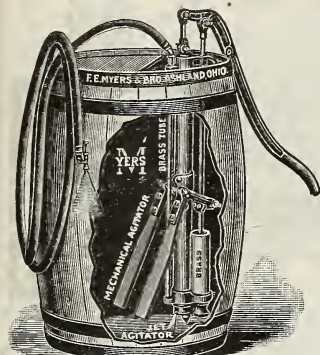


PULVERIZED SHEEP MANURE.

A pure natural manure taking effect immediately. Splendid for lawns, greenhouse plants, market garden crops of all kinds and fruit trees. Safe, quick in results and most satisfactory. Prices: 1 lb., 15c; by mail, 20c; 5 lbs., 35c; 10 lbs., 50c; 25 lbs., 90c; 50 lbs., \$1.65; 100 lbs., \$3.00; 500 lbs., \$13.50; 1000 lbs., \$26.00.

(Ask for book "The Ideal Fertilizer," telling how to use sheep manure with different crops.)

MYERS BARREL SPRAY PUMP.



Myers Barrel Spray Pump.



Bucket Spray. Ordinary barrel pump and bucket pump combined.

The necessity of spraying orchards is now generally recognized, and a pump that can be attached to a barrel is necessary for trees of any size. The Myers Improved Brass Barrel Spray Pump No. 305, with Bronze Ball Valves, Brass Cylinder and Discharge Pipe, is thoroughly practical and we believe the best on the market. The air chamber is 30 inches in length; it has a good leverage, and is easily operated.

Price, Complete with 15 feet of hose, Bordeaux nozzle and Mechanical Agitator, \$15.00.

(Price does not include barrel.)

BUCKET SPRAY PUMP.

Made of brass with ball valves with all the advantages of the ordinary barrel pump and bucket pump combined.

Price, Complete, with hose and Bordeaux nozzle, \$6.00.

PERFECTION SPRAYER.

The sprayer with a tank made like a steam boiler.

For Spraying, Disinfecting or Whitewashing. For use on Plants, Bushes, Vines, Hen Houses, etc. Tank 7½ in. by 20 in., lock seamed with twenty-four rivets. Capacity 4 gallons. All furnished with automatic shut-off nozzles.

Price, Galvanized, \$7.50. Brass, \$10.50.

Perfection Double Row Attachment. For spraying two rows potatoes at once, 50 cents.

AUTO-SPRAY NO. 1.

Tested and guaranteed to be satisfactory. Will handle all solutions including whitewash. Equipment, 2 feet of ½-inch hose, fine spray nozzle, solid stream cap, and either stop cock or automatic auto-pop, as ordered.

No. 1-A, Brass tank with Stop Cock... \$11.50

No. 1-B, Brass tank with Auto-Pop... 12.00

No. 1-C, Galv. tank with Stop Cock... 7.50

No. 1-D, Galv. tank with Auto-Pop... 8.00

Brass Extension, 2 foot... .60

Galvanized Extension, 2 foot... .45

LENOX SPRAYER.

Spraying under the leaves kills insects, removes dust and keeps the plants healthy. Suds made from tobacco soap makes one of the best sprays. The Lenox Sprayer is the most serviceable for house and garden.

Price (including a cake of tobacco soap) only 60 cents post-paid.

SAVO SELF WATERING FLOWER AND PLANT BOXES.

For Windows and Porches.

Plants are kept healthy and fresh the year round by absorbing the exact amount of water they require from below and allowing a perfect circulation of AIR to pass up through the soil causing it to be mealy and loose, making the life and growth of the plant a certainty.

Model A, 23 inch Flower Box... \$3.00

Model B, 29 inch Flower Box... 3.50

Model C, 35 inch Flower Box... 4.00

Model D, 41 inch Flower Box... 4.50

BUG DEATH DUSTER. Price, 45c. By mail, 50c.

Bug Death Sifter. The ideal tool for applying Bug Death and Slug Shot dry. Price, 75c; by mail, 85c.

Adjusto Plant Support. An adjustable practical and durable plant support for tomatoes and other plants. Price, 3 foot stake; 20c each; dozen, \$1.75.

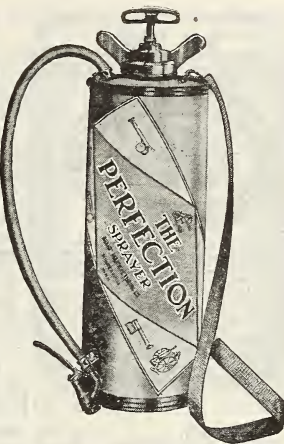
Note—Articles on this page not mailable unless a mail price is named. Ask for booklet, "When and What to Spray."



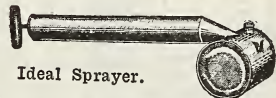
Lenox Sprayer.



ADJUSTO
PLANT
SUPPORT



Auto Spray, No. 1.



Ideal Sprayer.

One quart, very strong, 50c.

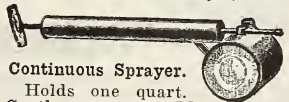


Perfection. One
Quart 50c.



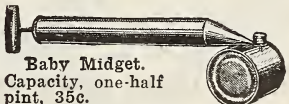
Glass Tank Sprayer.

Quart Mason fruit jar, 65c.



Continuous Sprayer.

Holds one quart.
Continuous spray, 75c.



Baby Midget.
Capacity, one-half
pint, 35c.



Dust Blow
Sprayer.

For applying poison and disinfectants in powder form. Holds one quart, 75c.



HAMMOND'S SLUG SHOT.

A fine powder, easily distributed by duster, or in water by spraying. Thoroughly reliable for killing currant worms, potato bugs, cabbage worms, lice, slugs, etc. Cheapest and most effective remedy.

Prices: 1 lb. tin canister with perforated top, 35c; by mail, 45c; 1 lb. carton with perforated top, 20c; 5 and 10 lb. bags, 10c per lb.; 25 lb. bags at 9c; 125 lb. keg with duster \$10.50; 250 lb. barrel with duster \$19.00. Not mailable, except in pound canisters.

("BUGS AND BLIGHT," a 28-page book free.)

BUG DEATH.



An Insecticide Free from Paris Green and Arsenic.

Does not burn the leaves, however freely applied. It is a fine powder, and adheres readily to the vines, so that it is not necessary to apply it after every shower. May be applied wet or dry. It kills all kinds of bugs and worms that eat the leaves of plants, trees or vines and prevents blight. Does not injure the foliage, but keeps it green and healthy.

Prices: 1 lb. carton with perforated top, 20c; (not mailable) 3 lbs., 45c; 5 lbs., 65c; 12 1/2 lbs., \$1.35; 100 lbs., \$8.50. Note—Bug Death is not mailable. "Home Garden Nuggets," a 12 page booklet for the amateur gardener, free on request.



PARIS GREEN
Prices: 1/4 lb., 25c; 1/2 lb., 40c; 1 lb., 65c; 2 lbs., \$1.25; 5 lbs., \$3.00; 14 and 28 pound pails at 55 cents a pound.

(Cannot be sent by mail. Prices subject to change.)

DRY BORDEAUX MIXTURE.

The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. One pound will make 50 pounds liquid. Can be used just as needed. Every potato grower realizes now the importance of spraying for blight. The dry Bordeaux goes further than the paste form.

Prices: 1 lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 25 lbs., \$4.50; 100 lbs., \$14.00.

DRY LIME SULPHUR.

Best of all sprays for fruit trees. The dry form that we offer is identically the same as the liquid and more easily handled. Dissolves quickly and easily. 85 pounds equals 50 gallons in liquid form.

Prices: 1 lb., 30c; 5 lbs., \$1.00; 10 lbs., \$1.75; 25 lbs., \$3.75; 100 lbs., \$11.50; 250 lbs., \$27.50.

ARSENATE LEAD POWDERED.

For all leaf-eating insects. Sticks to the leaves and stays there. Will not burn foliage and one application lasts a long time. The dry form is superior to the paste.

Prices: 1/2 lb., 30c; 1 lb. 55c; 5 lbs., \$2.25; 25 lbs., \$10.00; 100 lbs., \$37.00.

DRY CALCIUM ARSENATE.

Used in the same manner and for the same purposes as Arsenate of Lead, but costs less.

Prices: 1 lb., 50c; 5 lbs., \$2.00; 25 lbs., \$8.00; 100 lbs., \$27.50.

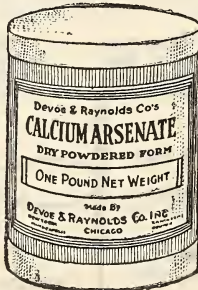
ARSENITE ZINC POWDERED.

Best poison for killing potato bugs. Largely used now by prominent potato growers in Wisconsin and other states. It sticks, it does not injure the vines at all and it kills the bugs quickly.

Prices: 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.00; 25 lbs., \$8.50; 100 lbs., \$31.00.

Ask for special circulars on Bordeaux, Lime Sulphur, Arsenate Lead, Arsenite Zinc and Calcium Arsenate.

Articles on this page are not mailable unless a mail price is quoted.



SULPHO-TOBACCO SOAP.
A powerful agent for the destruction of all bugs and insects. One or two applications will rid plants of pests.

3-oz. Cake (makes 1 1/2 gals. prepared solution), 10c; by mail, 13c; 8-oz. Cake, 20c; by mail, 25c.

BLATCHFORD'S PLANT GROWER. A concentrated fertilizer for house plants. Prices: 1/2 lb., 15c; by mail, 23c; 1 1/2 lbs., 25c; by mail, 35c.



ARMOUR'S PLANT FOOD.

(All Soluble.) For house plants, shrubs, lawns and gardens.

Lb., 25c; by mail 33c.

"BLACK LEAF 40."

A powerful and effective liquid insecticide, for use against aphids, thrips, leaf hoppers, and other soft-bodied sucking insects. Recommended by Experiment Stations and Entomologists.

Use this for the potato leaf hopper. Use by simply adding water.

Prices: 1 oz., 25c; 1/2 lb., 75c; 2 lbs., \$2.50; 10 lbs., \$10.75.

STERLINGWORTH PLANT TABLETS

PLANT FOOD TABLETS. Take the place of liquid manure. Used by dissolving in water. Starts the plants at once into healthy and vigorous growth.

Prices: 30 tablets, sufficient for 10 house plants 3 months, 10c postpaid; 100 tablets; regular size box, 25c, postpaid; 250 tablets, 50c, postpaid.

POWDERED TOBACCO. For aphids, fleas, beetles, etc. Lb., 15c; by mail, 25c; 5 lbs., 30c; 10 lbs., 50c; 100 lbs., \$2.50.

145 FARM USES

CLEAN, SAFE
POWERFUL



NOT A
POISON

DISINFECTANT-DEODORANT ANTISEPTIC

USE B-K FOR

Contagious Abortion
Retained After-Birth
Barrenness
Calf Scours—Bloat
Poultry Diseases
Hog Sanitation
Barn Disinfecting

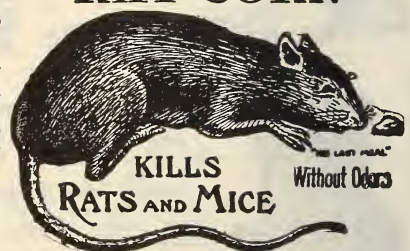
Sterilizing
Milk Cans, Bottles
Separators
Milking-machines
Deodorizing
Cleaning Cows
Home Sanitation

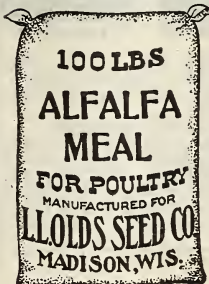
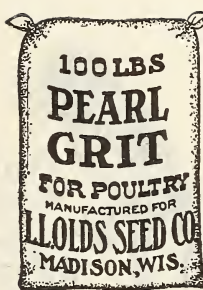
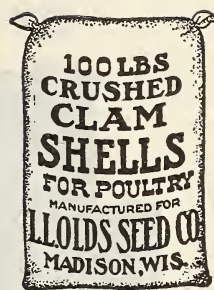
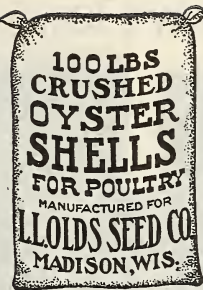
Prices: 1 qt., \$1.00; 1 gal., \$2.50; 5 gals., \$11.00.

RAT CORN

RAT CORN.

Kills rats and mice with no odor. It mummifies them and they simply dry up. Harmless to human beings and live stock. Prices: 25c, 50c and \$1.00 per can. By mail, 30c, 55c and \$1.05.





OLD GOLD POULTRY FOOD.
Olds' Old Gold Poultry Food is a complete feed for laying hens. Contains wheat, cracked corn, kafir corn, sunflower, barley and buckwheat. Duly analyzed and licensed, and every sack guaranteed.
Prices: 10-pound sack 40c; 100-pound sack, \$3.75; 3 sacks at \$3.65. Special prices in quantity. (With sprinkling of grit 10c per 100 pounds less).

OLD GOLD CHICK FOOD.
Old Gold Chick Food is a dry food, suitable for chicks up to 8 weeks old. It contains cracked wheat, cracked corn, cracked kafir corn, hulled oats and millet. Licensed and guaranteed.
Prices: 10-pound sack, 45c; 100-pound sack, \$3.90; 3 sacks at \$3.80. (Prices on poultry and chick food are subject to change. Ask for "Weekly Price List Poultry Feeds and Supplies.")
OYSTER SHELLS. 100-lb sack, \$1.35; 3 sacks at \$1.30.
CLAM SHELLS. 100-lb. sack, \$1.00; 3 sacks at 95c.
PEARL GRIT. Prices: 100-lb. sack; \$1.00; 3 sacks at 95c.
OLD GOLD LIMESTONE GRIT. 100 lb. sack, 90c; 3 sacks at 85c.
MICO SPAR CUBICAL GRIT. 100-lb. sack, \$1.15; 3 sacks at \$1.10. We have grit in two sizes, poultry and chick.



ALFALFA MEAL.
The ideal food for mashers. 100-pound sack, \$3.00.

SWIFT'S MEAT SCRAPS.
The finest thing to make hens lay in winter. Feed 3 times a week at the rate of one ounce to each fowl, mixed with the feed.

Prices: 5 lbs., 40c; 25 lbs., \$1.60; 50 lbs., \$3.10; 100-pound sack, \$6.00.

SWIFT'S POULTRY BONE.
Prices: 25 lbs., \$1.30; 50 lbs., \$2.50; 100 lbs., \$4.75.

Sizes, coarse, fine and meal.

SWIFT'S BLOOD MEAL.
Prices: 25 lbs., \$2.05; 50 lbs., \$3.85; 100 lbs., \$7.50.

GRAINS, ETC., FOR POULTRY.

(Prices include sacks, but are subject to change. Write for "Weekly Price List.")

	Per 100 lbs.
Feed Wheat	\$4.00
Cracked Wheat	4.15
Kafir Corn	4.00
Cracked Kafir Corn	4.15
Cracked Corn, coarse	3.50
Cracked Corn, fine	3.55
Feed Barley	2.75
Feed Oats	3.00
Sunflower	9.00
Feed Millet	4.00

FRENCH'S POULTRY MUSTARD.

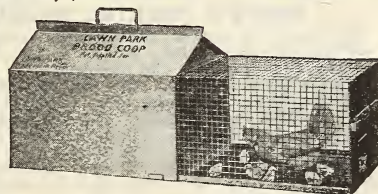
Of great value in increasing egg production. Ten cents per hen will furnish feed a year.

Prices: 1½ lbs., 55c; by mail, 65c; 3 lbs., \$1.00; by mail, \$1.15; 10 lbs., \$3.10; 25 lbs., \$7.75.

GROUND CHARCOAL.
50-lb. sack (two sizes poultry and chick), \$1.65; 100 lbs., \$3.25.

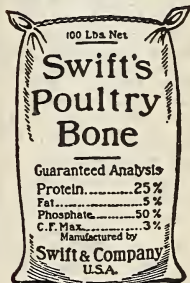
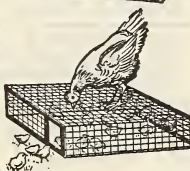
PRATT'S BABY CHICK FOOD. For the first three weeks. Prices: 3 lbs., 30c; by mail, 45c; 6½ lbs., 60c; 14 lbs., \$1.30.

LAWN PARK COOP. A handsome parking coop that will telescope. Made of galvanized metal throughout, sanitary, affording proper ventilation and also absolute protection against rats and other chick enemies. Price, \$3.50; 6 for \$18.00; 12 for \$35.00.



"LITTLE CHICK" FEEDER.

Conserves feed. Protects and accommodates 40 to 50 chicks. Price, only \$1.25.



Blatchford's "Fill the Basket" Egg Mash



Fed dry, just as it comes from the bag, it is the best food for all kinds of poultry. Contains a perfectly balanced combination of milk, meat and grains, ground for easy digestion.

Prices: 25 lbs., \$1.80; 100 lbs., \$4.75.

BLATCHFORD'S MILK MASH

Will Save your Baby Chicks

No more Bowel Trouble, Leg Weakness or White Diarrhea. Try a bag of this complete milk substitute for all kinds of young poultry. Grows—matures—fattens



2½ lbs. at 8 weeks! Contains no drugs. Every bit food.
Prices: 4 lbs., 40c; 25 lbs., \$1.60; 100 lbs., \$5.35.

Blatchford's Calf Meal

THE COMPLETE MILK-EQUAL



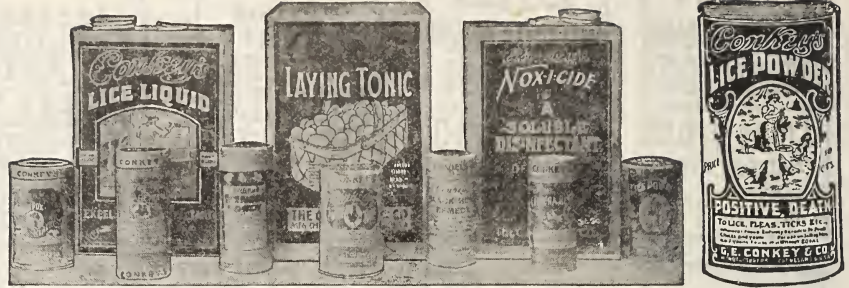
Just the thing to raise or veal your calves right from birth. Then sell your milk and get the benefit of the high creamery prices. It is absolutely the only milk substitute that contains all the elements necessary for rapid and healthy growth.

100 pounds make 100 gallons of Complete Milk Substitute.
Prices: 25 lbs., \$1.50; 50 lbs., \$2.80; 100 lbs., \$5.35.

CONKEY'S REMEDIES.



Don't
Worry!
Conkey
Will Cure
Me



Roup Cure. For sneezers. 30c, 60c and \$1.20, postpaid.
Roup Pills. For Roup, Colds, Catarrh, etc. 30c, postpaid.
Bronchitis Remedy; 60c. Postpaid, 65c.
Gape Remedy. Cures and prevents; 60c. Postpaid, 65c.
Limber Neck Remedy; 60c. Postpaid, 65c.
Scaly Leg Remedy; 30c. By mail, 35c.
Rheumatic Remedy. Cures lame birds; 60c. By mail, 65c.
Head Lice Ointment; 15c and 30c, postpaid.
Poultry Worm Remedy; 60c, postpaid.
Cholera Cure; 30c and 60c, postpaid.
Quick Loader Dusters. 15c each; 20c by mail.
Lice Liquid. Qt., 60c; 2 qts., 90c; gal., \$1.50

Lice Powder. 5 oz., 15c; by mail, 20c; 15 oz., 30c; by mail, 35c; 48 oz., 60c; by mail, 80c; 100 oz., \$1.20.
Poultry Tonic. 1½ lbs., 30c; by mail, 40c; 3¼ lbs., 60c; by mail, 80c; 25 lbs., \$3.00.
White Diarrhoea Remedy. 30c and 60c, postpaid.
Noxicide. A wonderful disinfectant and germicide. Pt., 50c; qt., 75c; 2 qts., \$1.25; gallon, \$2.00. Not mailable.
Sulphur Fumigating Candles. 15c each. By mail, 20c.
Poultry Book. Filled with the best kind of information. Price, 50c, or free on request with orders amounting to \$1.00.
Fly Knocker. For stockmen and dairymen. Qt., 75c; 2 qts., 90c; gal., \$1.50.

PRATT'S REMEDIES.



PRATT'S POULTRY REGULATOR.

Insures quick growth and freedom from disease.
25 lbs., \$3.00; 12 lbs., \$1.50; 9 lbs., \$1.20; packages, 60c and 30c; 75c and 40c postpaid.
Pratt's Roup Remedy. 25c and 50c postpaid.
Pratt's Cholera Remedy. 25c, postpaid.
White Diarrhoea Remedy. 25c and 50c, postpaid.
Poultry Disinfectant. Kills disease germs. Qt., 60c; 2 qts., \$1.00; gal., \$1.75. Not mailable.
Powdered Lice Killer. 5 ozs., 15c; by mail 20c; lb., 30c; by mail 35c; 2½ lbs., 60c; by mail 70c.
Condition Tablets. A splendid tonic. 25c, postpaid.

Lee's Germozone. A famous remedy, 75c. Not mailable.
Lee's Germozone Tablets, 75c, postpaid.
Lee's White Diarrhoea Remedy, 50c, postpaid.
Self-Locking Egg Carton. Locks automatically. 12, 25c; by mail, 30c; 100, \$1.75; 1,000, \$15.00.
Parcel Post Egg Boxes. 1 doz., size: 15c each; by mail, 20c; 12 for \$1.50; 2 doz. size: 20c each; by mail, 25c; 12 for \$2.00.

Spiral Leg Bands.
Most popular style of leg band. Assorted colors, light blue, dark blue, red, pink and yellow. Two sizes. American and Med'n, 12, 20c; 25, 35c; 100, 50c. Postpaid.
Colored Leader Adjustable. Colors of celluloid, pink, red, blue, yellow and green, 12, 40c; 25, 65c; 100, \$2.25.



Double Clinch.



Live Chick Boxes. For sending baby chicks by mail. 25 Chick size, 20c each; by mail, 25c; 12 for \$2.25. 50 Chick size, 30c; by mail, 40c; 12 for \$3.00.



Chick Greasers, \$1.25

Double Clinch Leg Bands. 12, 20c; 25, 30c; 50, 45c; 100, 75c, postpaid.
Eclipse. Same as Double Clinch.
Smith Sealed Leg Bands. 12, 30c; 25, 50c; 60, \$1.00; 100, \$1.50.
Sealers, for Smith Sealed, 60c.
Leader Adjustable Leg Bands. 12, 20c; 25, 30c; 50, 45c; 100, 75c.
Petting Poultry Punch. 25c.
Clipper Punch. 25c, postpaid.
Chick Food Troughs. 10 inch 45c; 20 inch, 60c.
Zenoleum. A popular cure for most all diseases of poultry and stock. 8 ozs., 30c; qt., 60c; 2 qts., \$1.00; gal., \$1.75. Not mailable.

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Increase Your Crops

and

Improve Your Soil

with the

Mulford Cultures
FOR LEGUMES



Inoculate all your legume seeds with

Mulford Cultures

FOR LEGUMES

The best, safest and most economical (quality considered) method of inoculation available.



What They Are

Mulford Cultures contain pure, tested strains of active, nitrogen-fixing bacteria, grown on specially prepared media (a jelly-like mass), and are furnished in flint glass bottles with rubber stoppers.

List of Crops for which

Mulford Cultures

FOR LEGUMES

are Supplied

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.

ALFALFA	PEANUTS
CRIMSON CLOVER	VETCH
SWEET CLOVER	Horse Beans
WHITE CLOVER	Velvet Beans
RED CLOVER	Perennial Peas
ALSIKE CLOVER	SWEET PEAS
Mammoth Clover	GARDEN PEAS
BURR CLOVER	GARDEN BEANS
Yellow Clover	LIMA BEANS
Berseem Clover	Lupins
COW PEAS	Sainfoin
SOY BEANS	Beggar Weed
Canada Field Peas	Lespedeza

and other legumes.

Those printed in CAPITAL LETTERS can be shipped immediately from stock. The others will be prepared to order and can be supplied in a few days.

Prices

5-Acre Size ("Dollar per Acre"),	\$5.00
1-Acre Size	1.50
1/4-Acre Size .....	.50
Small Size (Supplied only in 4 varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas) .....	.25

(These prices include delivery on freight shipments.)

Guarantee

Each bottle of MULFORD CULTURE FOR LEGUMES is guaranteed to contain a pure, active, vigorous culture of nitrogen-fixing bacteria, of the proper strain for the legume indicated on the label, and in sufficient quantities to inoculate the required amount of seed or soil for the area specified on the label.

Do not expect the use of Mulford Cultures to take the place of careful soil preparation or proper attention to the crop. Mulford Cultures will give their best results when everything possible has been done, in every other way, to make the crop a success. Inoculation is not a miracle worker, but is simply an aid to Nature, furnishing the young plant at the very outset with a supply of the proper nitrogen-fixing bacteria.

Why buy expensive commercial nitrates when you can grow legume crops and thus increase your yield and at the same time replace the nitrates and enrich and renovate your soil, by Nature's own method?

Inoculate All Your Legumes with

Mulford Cultures
MULFORD FOR LEGUMES

SMALL COST

LARGE RETURNS

EASY TO USE

Full descriptive literature sent free upon request.

H. K. MULFORD Co.

**Manufacturing and Biological
Chemists**

Philadelphia, U. S. A.

ORDER SHEET

Date _____

Gentlemen: Please ship the following:

Mark Number of Packages Wanted in Proper Columns			MULFORD CULTURES for the following legume crops	PRICE	
5-Acre	1-Acre	½-Acre			
			ALFALFA		
			CRIMSON CLOVER		
			SWEET CLOVER		
			WHITE CLOVER		
			RED CLOVER		
			ALSIKE CLOVER		
			BURR CLOVER		
			COW PEAS		
			SOY BEANS		
			VELVET BEANS		
			PEANUTS		
			VETCH		
			SWEET PEAS		
			GARDEN PEAS		
			GARDEN BEANS		
			LIMA BEANS		

Name _____

Town _____

P. O. Box or R. F. D. No. _____ State _____

If you have no account with us, avoid delay by sending remittance with order, or instructions to ship C. O. D.

Grow Dollars by Growing Legumes

The legumes are the pod-bearing plants, of which beans, peas, alfalfa, clovers, vetch, etc., are the most common.

The crying need is for bigger and better food crops. Legumes are rich in protein and have a high food value for human use as well as for livestock.

Legumes improve and enrich your soil. If inoculated with the proper nitrogen-fixing bacteria, legumes gather nitrogen from the air (which is four-fifths nitrogen) and convert it into plant food, thereby stimulating their own growth and, at the same time, greatly enriching your soil for the benefit of succeeding crops.

This is Nature's own method. Without the bacteria, legumes will rob your soil, just like any other crop, but with the bacteria they cut the nitrates off your fertilizer bill.

Plant Legumes in Spring and Fall

In the spring plant inoculated cow peas, soy beans, peanuts, etc., either alone or with another crop. A growing and profitable practice is to sow legumes in corn middles at the last cultivation of the corn, to increase your corn crop and enrich your soil at the same time.

In the fall be sure to sow cover crops to protect your soils against the ravages of winter. Don't leave your fields bare and allow their fertility to wash away to the bed of some stream or onto your neighbor's farm.

A legume cover crop is best, because it protects your land and increases the supply of nitrogen and humus at the same time.

How Used

Mulford Cultures for Legumes are very easy to use, no special knowledge, no experience and no special implements being required. It is only necessary to add water to the bottle (which is intentionally only about one-fourth filled), shake well, and then dampen with this mixture the seeds or soil, which will not interfere with planting.

Are All Cultures of Nitrogen-Fixing Bacteria Alike?

They are not. While the reports of Agricultural Experiment Stations and others are favorable in a great many instances, yet they record some failures which might challenge the value of bacterial cultures for seed and soil inoculation.

The bacteria used must be alive, of an active and vigorous type, and of the proper strain for the legume being treated, then if soil conditions are favorable and the correct method of application is followed, you may depend upon successful inoculation with its beneficial results.

In the preparation of **Mulford Cultures for Legumes** the specific bacteria are isolated, selected, grown and tested with scientific precision and skill, and with the same care as is exercised in preparing Mulford Products for human and veterinary use.

Bacterial counts show them to be exceedingly rich in the desired bacteria. The sealed bottle is an important feature, as it prevents all possibility of contamination from the outside air.

These are reasons why **Mulford Cultures** are preferred and used by all discriminating farmers. Always demand "**Mulford**" Cultures.



Inoculated

ALFALFA

Uninoculated

Reproduced from photograph furnished by U. S. Department of
Agriculture, Bureau of Plant Industry, Washington, D. C.

QUEEN INCUBATORS.



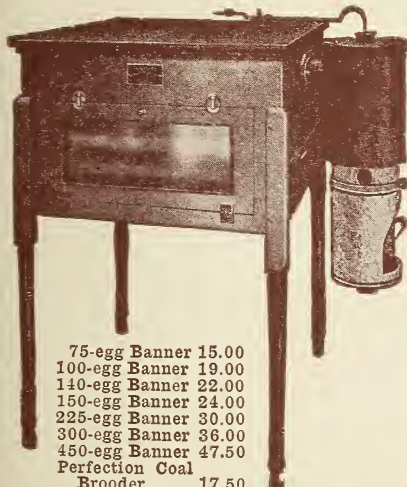
Famous the country over for big hatches of strong, healthy chicks that live and grow. The Queen is accurately regulated, keeping the temperature just right for the hatching chick. No hot and cold changes to weaken the chick's system. The Queen is properly insulated—two layers of wood and one of corrugated straw-board, with dead air space. This also helps to maintain an even temperature for the entire hatching period. Both Queen walls are built of genuine California Redwood, which is unusual in these days of imitation and cheap substitution. Redwood does not absorb the odor from the hatching eggs.

Cheaper woods and pasteboard lining in iron and tin machines retain the odors to weaken and kill the hatching chick.

No. 0—Queen Incubator,	60 egg size	.....	\$12.00
No. 1—Queen Incubator,	85 egg size	.....	19.50
No. 2—Queen Incubator,	135 egg size	.....	27.50
No. 3—Queen Incubator,	180 egg size	.....	32.50
No. 4—Queen Incubator,	275 egg size	.....	42.50
No. 5—Queen Incubator,	400 egg size	.....	52.50
No. 25—Queen Incubator,	550 egg size	.....	75.00

(Ask for Queen Catalog)

BANNER INCUBATORS.



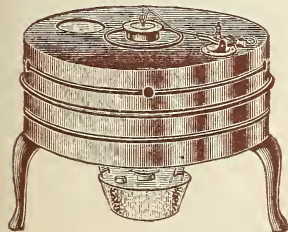
The Banner Incubators are made right here in Wisconsin by men of long experience. The motto of the Manufacturers is "the best."

The Banner is built upon honor in every respect. It is giving perfect satisfaction and is made to last. We honestly believe there is no better incubator in the United States.

(Ask for Banner Catalog.)

Banner Coal Burning Brooder	\$21.50
-----------------------------	-------	---------

BABY GRAND INCUBATOR.



A RELIABLE incubator at a low price. Everyone can hatch chickens now. Substantially made, all of metal, beautiful in appearance and the most reliable and easiest operated of all small incubators. Just the thing for the small fancier. Simple in construction, easy to operate, self-regulating.

Price, 50 Egg Capacity, only \$6.00.

SIX-IN-ONE EXERCISER FEEDER.

An exerciser and feeder—plus! Consists of central hopper for mixed grain and five other compartments for dry mash, meat scraps, shell, grit and charcoal. The user of a "6 in 1" can fill it, then go away for several days. Prices: 20 qt., \$3.75; 40 qt., \$4.50.

Eyre Shipping Coops. Single Bird, 70c; Pair, 80c; Trio, \$1.00.

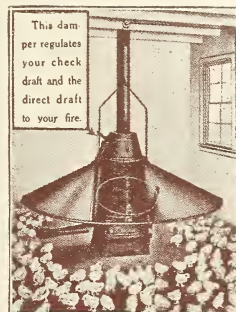
Porcelain Nest Eggs. Made of flint glass. 5c ea.; doz., 35c.

QUEEN BROODER STOVES.

Just what is needed to keep the house comfortable for the early chicks. It is the only Brooder Stove in which both fire and amount of heat are automatically controlled by one thermostat, and one connecting rod. Holds enough coal to last 40 to 48 hours.

No. 1—	600 chick size	\$19.00
No. 2—	1200 chick size	\$23.50

BLUE FLAME OIL HEATED COLONY HOVER



Queen Brooder Stove.



The Blue Flame Oil Heated Colony Hover burns oil instead of coal. You can always get coal oil or kerosene, but it is hard to get the hard coal. The BLUE FLAME is easy to operate,

economical, convenient and safe. No wick to trim, no smoke or gas, plenty of heat. Guaranteed to give satisfaction.

No. 0—	30 inch size,	350 chicks	.....	\$16.50
No. 1—	42 inch size,	500 chicks	.....	18.50

ROUND PORTABLE HOVER.

Complete with lamp, burner, regulator, etc., ready to attach to any brooder. Price, \$9.00.



Air-Lock Fountain.

Norwich Automatic Air-Lock Fountain. Most perfect device for automatically supplying pure fresh water. Guaranteed frost proof at 10 degrees below zero. Price, complete, \$6.00.

Galvanized Drinking Fountains. Most popular founts. Qt., 35c, 2 qt., 50c; gal. 90c; 2, \$1.25.

Sanitary Wall Founts. May be hung on side walls or posts. Gal., \$1.00; 2 gal., \$1.25.

Economy Drinking Fountain. A new improved style. The most sanitary and easiest cleaned. Can stand on the ground or hang on the wall. Gal., \$1.50; 2 gal., \$1.75.

Beef Scrap Hopper, 75c.

Air-Lock Fountain.

Grit and Shell Box. Can be suspended from wall by handle. Chick, 50c; Hen, 90c.

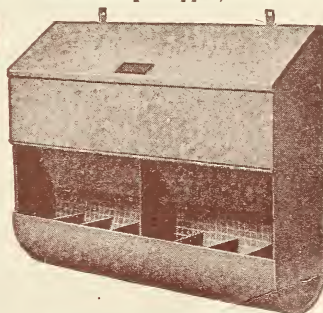
Boston Hopper. Large size, \$1.50.

Economy Dry Mash Hopper. A new hopper, best for any sort of dry mash. No. 1, one compartment, \$2.75; No. 2, two comp., \$3.50.

Metal Nests, \$1.00 each. Trap Nests, 50c ea.; doz., \$5.00.

Norwich Automatic Feeder. For grain or mixtures of all kinds. Saves time, labor and feed. Guaranteed absolutely satisfactory in every respect or money refunded. No. 1 (3 quart), \$3.50; No. 2 (14 quart), \$4.50; No. 3 (20 quart), \$5.50; No. 4 (32 quart), \$6.50.

Apaco Poultry Feeder. Same mechanical features as the Norwich Automatic but of the hanging type. Designed for the small breeder. Capacity 12 quarts. Price, \$1.75.



OLDS' VICTORY COLLECTION



13 Full Sized Packets 50¢

1-BEET, <i>Crosby's Egyptian</i>	\$.05	8- PARSNIP, <i>Hollow Crown</i>	\$.05
2-CABBAGE, <i>Prem. Flat Dutch</i>.....	.10	9- PEPPER, <i>Bull Nose</i>.....	.10
3-CARROT, <i>Danvers Half Long</i>.....	.05	10-RADISH, <i>Scarlet Turnip</i>.....	.05
4-CORN, <i>Golden Bantam</i>.....	.10	11- RADISH, <i>White Icicle</i>.....	.05
5-CUCUMBER, <i>Early White Spine</i>.....	.05	12- SQUASH, <i>Mam. White Bush</i>.....	.05
6-LETTUCE, <i>Early Prize Head</i>.....	.05	13-TOMATO, <i>Earliana</i>.....	.05
7-ONION, <i>Red Wethersfield</i>.....	.10	TOTAL	\$.85

Manifold Tomato



"Large clusters of red fruit with bright red flesh"

PKT., 10¢

1/203, -20¢

03, -35¢

1/4 lb., - \$1.25